Annual Administration Report
of the
Municipal Commissioner
of Bombay
1887-88

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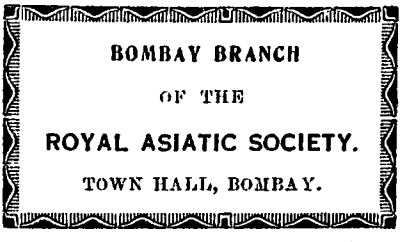

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ANNUAL

ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

OF BOMBAY

FOR THE YEAR 1887-88.

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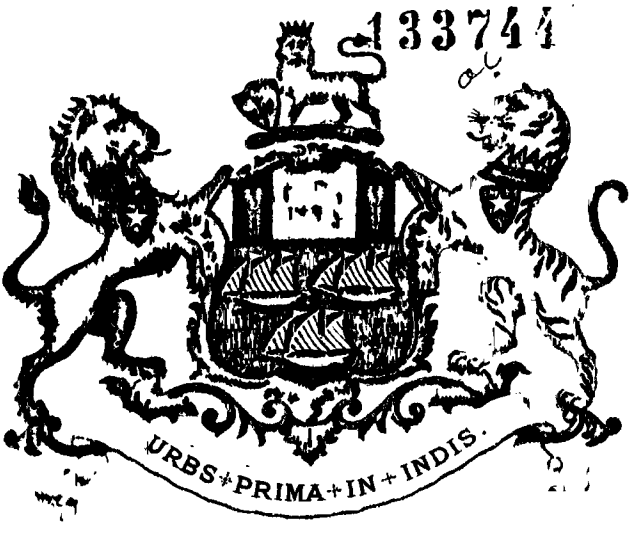

Bombay:
PRINTED AT THE TIMES OF INDIA STEAM PR[redacted]

1888.

00133744

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Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the year 1887-88.

SIXTY meetings of the Corporation were held, and twenty more were convened, but not held for want of a quorum. Besides these, fifty-seven Committee meetings were held, and nine others were convened, but not held for want of a quorum. Of those held, forty-two were of the Committee and the Sub-Committees of the whole Corporation regarding the new Municipal Bill (now Bombay Act III. of 1888). Nine other meetings of the Committee were called, but not held for want of a quorum. During the same period the Town Council (now Standing Committee) held fifty-three meetings. There were also seven Sub-Committee meetings, and seventy-five attendances for cheque signing and the audit of the Weekly Statement of Accounts.

2. On April 5th, 1887, the Corporation re-elected [illegible]ptain—now Sir Henry—Morland as its Chairman, [illegible] in accordance with the terms of Government letter [illegible]3314, Political Department, dated 20th May following, [illegible]duty of conveying to England the Address from the [illegible]cipality on behalf of the inhabitants of the City, to Her [illegible]rial Majesty the Queen-Empress on the celebration of the [illegible]e of her reign, was entrusted to Captain Morland, who [illegible]so Chairman of the Jubilee Executive Committee. [illegible] instructions received from the Department of the [illegible]y of State for India, Captain Morland proceeded to [illegible] Castle on 30th June on the occasion of the reception [illegible]mperial Majesty of the Princes and Deputations from [illegible]r. H. W. Barrow, the Clerk to the Corporation, also [illegible]t the presentation, in accordance with the official [illegible]e issued for the ceremony. Her Majesty, who was *pleased to accept the Address and to express her* [illegible] *with the casket containing the document, in the* [illegible]*r reply stated,* "*I have watched with pleasure* [illegible] *of the great city of Bombay and its advance, not* [illegible]*rial prosperity, but also in education and in* [illegible]ng to the improved health and comfort of the [illegible]ereupon Her Majesty was pleased to confer [illegible]ighthood on Captain Morland.

3. The Municipal Bill was received from Government on the 31st May for remarks, and on 14th July was referred to the Committee of the whole Corporation, who on the 15th October, presented their report, which after discussion was agreed to by the Corporation on the 25th of the same month. The Bill, after amendment by the Legislative Council, was returned to the Corporation by Government on 13th January last, and on the 2nd March the report thereon of the Committee was adopted by the Corporation.*

4. In reference to the services of the Municipal officers, Mr. Charles, the Acting Municipal Commissioner, takes the opportunity of placing on record his appreciation of the very hard work done by the heads of departments ; and the Standing Committee readily bear testimony to the justness of Mr. Charles' remarks on this point.

5. On this, the first occasion of the Standing Committee's presenting a "Review" of the Administration Report of the Municipality for the previous year, under the provisions of Section 124 of Bombay Act III. of 1888, the Committee ha[illegible] the satisfaction of being able to congratulate the Corporati[illegible] on the sound and encouraging condition of its finan[illegible] The opening balance, including advances recoverable, [illegible] was Rs. 20,58,937-14-8, whilst the revenue credited fro[illegible] sources, was Rs. 51,66,529-10-11, or, total available for ex[illegible] diture, Rs. 72,25,467-9-7. The amount actually spen[illegible] Rs. 58,12,690-4-10, or Rs. 14,12,777-4-9 less than [illegible] receipts including balances. The opening balance was [illegible] by Rs. 15,58,937-14-8 than the Budget Estimate. [illegible] balance, Rs. 5,00,000 were appropriated in the Bu[illegible] 1887-88, and Rs. 11,42,824-7-2 represent the une[illegible] balance of lapsed grants of 1886-87 renewed in [illegible] Under the heads of Toll Fees and Miscellaneous the[illegible] small falling off of Rs. 3,253-5-5; but under the other [illegible] receipts were better than the Estimate by Rs. 7,1[illegible]

6. The main heads of Revenue and Expenditu[illegible] 88, as compared with the Budget Estimates, and [illegible] for the previous years, are shown in the followin[illegible]

* The Bill has now been passed into law, and came into effect on the [illegible] as Bombay Act III. of 1888.

Items.	Actuals for 1886-87.	Estimate for 1887-88.	Actuals for 1887-88.	Actuals for 1887-88 as compared with actuals for 1886-87.		Actuals for 1887-88 as compared with estimate for 1887-88.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Consolidated Rate	14,88,867 5 0*	13,51,000†	14,07,013 6 4†	.....	81,853 14 8	56,013 6 4	.....
Wheel-tax	3,03,804 11 3	3,03,000	3,22,659 0 7	18,854 5 4	.....	19,659 0 7	.....
Toll Fees	15,756 8 0	15,800	14,333 8 0	.....	1,423 0 0	.....	1,466 8 0
Liquor Licenses	1,43,750 0 0	1,43,750	1,43,750 0 0	.....	.....	.....	.....
Tobacco Duty Licenses	1,90,249 10 2	1,71,000	1,84,168 4 8	.....	6,081 5 6	13,168 4 8	.....
Land Conveyance Licenses ...	3,942 11 11	3,200	4,049 12 9	107 0 10	.....	849 12 9	.....
Town Duties	10,12,152 6 0	8,70,000	9,96,750 4 9	.....	15,402 1 3	1,26,750 4 9	.....
Halalkhor Cess	3,18,630 6 11	3,53,000	3,72,257 11 0	53,627 4 1	.....	19,257 11 0	.....
Market Receipts	2,72,915 10 11	2,64,500	2,88,690 1 0	15,774 6 1	.....	24,190 1 0	.....
Miscellaneous Fees	89,862 9 4	75,100	90,068 7 9	205 14 5	.....	14,968 7 9	.....
Miscellaneous Receipts	98,885 7 10	79,400	98,788 0 5	.....	97 7 5	19,388 0 5	.....
Water Rate	7,74,651 4 6	7,37,300	8,83,724 6 3	1,09,073 1 9	.....	1,46,424 6 3	.....
Miscellaneous	1,88,346 0 0	90,000	3,60,276 11 5	1,71,930 11 5	.....	2,72,063 8 10	1,786 13 5
Total ...Rs.	49,01,814 11 10	44,57,050	51,66,529 10 11	3,69,572 11 11	1,04,857 12 10	7,12,733 0 4	3,253 5 5
				1,04,857 12 10		3,253 5 5	
				2,64,714 15 1		7,09,479 10 11	

* At 8¾ %

† At 8 %

EXPENDITURE.

	Actuals for 1886-87.	Estimate for 1887-88.	Actuals for 1887-88.	Actuals for 1887-88 compared with the actuals for 1886-87.		Actuals for 1887-88 compared with the estimate for 1887-88.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
General Superintendence	1,73,090 1 8	1,78,806 13 10	1,70,945 3 9	.....	2,144 13 11	...	7,861 10 1
Assessment and Collection Department.	2,17,133 3 8	2,16,827 13 9	2,12,137 13 2	.....	4,995 6 6	...	4,690 0 7
Police and Fire Brigade	3,32,818 0 10	3,72,835 9 7	3,31,018 4 11	.....	1,799 11 11	...	41,817 4 8
Public Health Department	10,10,118 7 5	11,37,839 14 2	10,75,735 5 2	65,616 13 9	.....	...	62,104 9 0
Public Works, Ordinary	11,14,201 3 9	14,57,652 3 4	12,25,240 0 1	1,11,038 12 4	.....	...	2,32,412 3 3
New Works	1,25,222 4 1	2,64,104 11 3	97,107 11 10	.....	28,114 8 3	...	1,66,996 15 5
Public Gardens	38,325 15 6	45,231 13 1	42,123 2 3	3,797 2 9	.....	...	3,108 10 10
Municipal Debt	8,93,553 1 1	24,07,738 7 4	23,27,681 1 8	14,34,128 0 7	.....	...	80,057 5 8
Pensions, Gratuities, and Compassionate Allowances	19,132 9 1	30,686 7 5	30,530 11 6	11,398 2 5	.....	...	155 11 11
Education	32,604 0 1	1,35,778 15 8	1,34,714 12 11	1,02,110 12 10	.....	...	1,064 2 9
Hospitals and Dispensaries	48,386 7 4	45,108 0 0	40,753 1 0	.....	7,633 6 4	...	4,354 15 0
Miscellaneous	1,71,776 10 1	1,59,577 9 9	1,24,703 0 7	.....	47,073 9 6	...	34,874 9 2
Total... Rs.	41,76,362 0 7	64,52,188 7 2	58,12,690 4 10	17,28,089 12 8 91,761 8 5	91,761 8 5	...	6,39,498 2 4
				16,36,328 4 3			

7. The largest increases in the Actuals, as compared with the Estimates, it will be observed, were from Miscellaneous, Water Rate, Town Duties, and the Consolidated Rate, respectively, although the actual receipts from Town Duties were less than in the previous year by Rs. 97,255-15-11. In 1886-87, the actuals from the Consolidated Rate were Rs. 14,88,867-5, whilst for 1887-88 they were less by Rs. 81,853-14-8, due to the fact that the levy was only 8 per cent. last year as against $8\frac{3}{4}$ in the previous year. The loss was, however, less than $\frac{3}{4}$ per cent. the whole assessment, inasmuch as owing to the rise in ts, and correction of under-assessments (Rs. 3,78,827), erection of new buildings (Rs. 4,96,187), and enlargent of houses (Rs. 2,90,102), the total increase in valuation s Rs. 11,65,116. The falling off in Town Duties, mpared with the previous year, of Rs. 15,402-1-3, was ving to the heavy refunds of the duty on kerosine oil and e smallness of the import of the oil last year. The increase the return from Halalkhor Cess arose from the improved sessment of old buildings and the erection of new ones. Of e other increases, Rs. 1,78,831-3-4, included under the head "miscellaneous," was from the sale of frontages on the Ripon oad, whilst the enhanced return from Water Rate was iefly the result of the more extended employment of meters. unicipal meters let out on hire and repaired by the Water rks Department are found to be more convenient to the lic, and are quickly superseding private meters. The sale nd frontages was, of course, an unusual source of ue; but, taking that into account, and notwithstanding duction in the Consolidated Rate, the increase in normal e exceeded that of the previous year by Rs. 85,883-11-9.

t will be seen that on the expenditure side of the for last year, the decrease of Rs. 6,39,498-2-4 in the compared with the estimates, was principally on f public works ordinary, and new works, the pay- account of debts, saving in expenditure in the partment and the payments on account of the Fire Brigade. As compared with the previous vas an increase in the charges for the Health principally due to the extension of the Halalkhor Port Trust section of B Ward, and to various caving mills; to the taking over of the work

of cleansing certain roads on the Port Trust Estate and to repairs to buildings. But as noticed in para. 31, with this increase, there was a large increase in the income from the Health Department. Taking the actual expenditure of last year against that of the previous year, the net decrease was Rs. 91,761-8-5 only, as the increase of debt charges was Rs. 14,34,128-0-7, the cost of road repairs, improvements of streets, repairing and lighting the roads of Port Trust wharfs, &c., Rs. 1,11,038-12-4, education Rs. 1,02,110-12-10, and certain other increases. The large enhancement of the contribution towards education was chiefly on account of the grant Rs. 80,000 to the Victoria Jubilee Technical Institute in hon of the celebration of the Jubilee of Her Imperial Majesty's reig The increase of debt charges was owing to the repayme of a portion of the 44 lakhs Sanitary Works Loan, increas interest payable on the Tansa Water Works Loan, and oth loans, and the discount of Rs. 2,53,220 on the raising the Sanitary Works Loan, which last charge, instead of bein debited to the loan, was adjusted against the current reven of last year. Deducting the increased loan charges, an those for education, the enhanced amount of ordinary an recurring expenditure was Rs. 1,22,200-3-8, against th increase in normal revenue of Rs. 85,883-11-9 mentioned i para. 5. The grants which lapsed owing to incompletion works, or undischarged liabilities, amounted to Rs. 6,39,498-2- of which Rs. 1,13,557-2-8 returned to Cash Balance. T balance of Rs. 5,25,940-15-8 has already been renewed the Corporation for the completion of sanctioned works the payment of liabilities incurred during the past year. actual closing balance was Rs. 8,38,658-1-9, which was than the estimate of the opening balance in the Budg 1888-89 by Rs. 2,95,658-1-9.

9. Para. 20 of the Report gives the assets of th ration as being Rs. 3,59,99,225. Of these, Rs. 81,3 investments, loan funds and building fund; adv sums due to contractors, Rs. 2,10,327; land and including Tulsi, Vehar and Tansa Wat Rs. 2,10,74,198; roads, bridges and other improv Rs. 49,82,675; and Stock, Rs. 15,93,554. The to amount to Rs. 2,27,58,717, so that, accepting the by Mr. Charles, the value of the assets over t Rs. 1,32,40,508.

10. At the close of the year, the amount of liability on account of the various Loans raised from the public and from Government, exclusive of future annual interest, was Rs. 2,03,82,588-6-9. The Market and House Rate Loan of 1867 and 1868, for Rs. 17,38,000 does not appear in this estimate, as the Sinking Fund for the same was fully invested some years ago, and this year the whole of the balance of the principal and interest will be paid off.

11. The statement of Loans raised and to be raised during 888-89, and the premia received and to be received, shows hat the net profit, as compared with par rate, will be s. 2,50,227-8-0 ; and even in the year under report, there as a clear profit of Rs. 9,187-8-0 after deducting cost of amps and other charges. These profits were, and will be, e to the high premia received from investors ; and the anding Committee may here observe, that they have under sideration a proposal made by the Acting Municipal Comsioner as to the final mode of appropriating these profits.

12. The contrasted statement contained in para. 24 of the venue expenditure and balances for the five years 1883-84, 887-88, shows a steady increase throughout. Whilst in he first year the revenue was Rs. 37,37,272, in 1887-88 it as Rs. 51,66,530 (including a nominal income of nearly 83,000 for water consumed for Municipal purposes). 1883 the expenditure was Rs. 37,15,812, and last year as Rs. 58,12,690. While comparing these two last items, uld be borne in mind that in 1883-84, the charge for s was but Rs. 9,00,233, whereas last year the amount s. 13,59,609.

The Standing Committee notice with pleasure that the of the Municipal Commissioner drawn by the Town n their review last year to the existence of the unusuoutstandings on account of private and departmental uted by the Engineer's Department and the Munishops, has resulted in the reduction of such outom Rs. 2,17,535-0-5 to Rs. 96,096-6-2. Satisfacreduction is, the Committee hope to see the balance outstanding reduced in course of the current year.

anding Committee note with regret that the nt has been unable to include in the Municipal

books property of the value of Rs. 45,37,835-11-11 as per Engineer's statements, as also that since acquired at a cost of upwards of Rs. 2,60,000, for the reason that all the lists of property revised by the Assistant Engineer and forwarded to heads of departments in September 1887 for verification have not yet been received into the Chief Accountant's office properly verified. The Committee have called the attention of the Acting Municipal Commissioner to the expediency of having the lists of property duly verified and forwarded to the Chief Accountant to admit of these large assets being entered on the Municipal books.

15. The Standing Committee are glad to find that t abolition of the Iron Foundry since 1st September last account of the annual losses incurred in connection therewi amounting in the aggregate to Rs. 30,000 in the course of years, has saved the Municipality from further losses dur the year and that the net result of the work done dur the year by the Municipal Workshops has been a profit Rs.13,416-5-10. The Committee notice that the outstandin of the Workshops still stood at the large figure of Rs. 22,477-7- on 31st March 1888, though it is a reduction fro Rs. 35,939-13-2 at the close of 1886-87. Of this large sum Rs. 6,988-4-6 represents an unadjusted account for wo done from 1881 to 1886-87. Rs. 11,553-1-9 for work dur the past year, and the balance for incomplete works. Standing Committee have drawn the attention of the A Municipal Commissioner to the desirability of getting items adjusted as far as possible in course of the current They have also caused the attention of the Superint of Workshops to be drawn to the shop and supe charges, which were 22·4 and 10·9 per cent. resp during last year, against 14·6 and 6·6 respectively in

16. To prevent any delay in the closing of accounts arising from want of punctuality in the of monthly voucher statements, and from the applying for proper sanctions for unauthorized the Committee notice with pleasure the directi the Acting Municipal Commissioner that he wil arily responsible the officer incurring such e previous sanction.

17. With regard to the division between works chargeable to capital and revenue, respectively, the Corporation decided—(A) to charge to current revenue, (1) repairs, renewals and replacements or maintenance of works already completed as also the interest on Loans ; (2) new works costing not more than Rs. 10,000 each up to a limit of Rs. 1,00,000 per annum, as the total of such works in any one year ; and (B) to charge to Loan works, all new works costing over Rs. 10,000, not being renewals or replacements of existing works. This is a very important alteration, and one that obviously should have been made in order to allow of the equitable adjustment of the burden of taxation between the present and future generations.

18. Eight hundred and forty-three properties were added to the Assessment Book, which at the end of the year included a total of 49,313, whilst the valuation was increased by Rs. 11,65,116, showing a total of Rs. 2,27,92,346, as mentioned in para. 7 above. The total demand for Property Taxes for the year was Rs. 26,84,899-4-7. The outstanding balance to be collected was Rs. 1,22,733 ; but at the present moment this has been reduced to about Rs. 30,000. During the year there were only 18 appeals to the Chief Presidency Magistrate against assessments of which 8 were allowed, 2 dismissed and 8 were settled by consent. For the same period the refunds of Town Duties were Rs. 10,94,464-10. The net revenue is given in para. 6 above.

The Report of the Auditors is, as usual, carefully drawn and contains a mass of statistical information. Like all branches of Municipal administration, the work of the Auditors constantly increases, and last year the number of accounts examined by them was 49,251—a larger number than in any previous year. In recording their approval of the Reports by the Auditors in the past, the Standing Committee have reminded the Corporation that under Section 137 of the Municipal Act, it is provided that the Auditors "shall report to the Committee any material impropriety or irregularity which they may at any time observe in the application or in the recovery of moneys due * * or in the accounts."

The Standing Committee have invited the attention of the Acting Municipal Commissioner to the points referred to by the Municipal Auditors in paras. 116-119 of their Report. They think it desirable that the present system under which heads of Departments first incur expenditure very often in excess of Budget grant and then apply to the Standing Committee or the Corporation as the case may be for a transfer or additional grant to meet such excess should be done away with. The Committee desire that all applications for transfers or extra gran be first submitted to them by all heads of departments befo incurring any such expenditure.

20. The Commissioner's Report deals with the questi of public works at some length, and principally in relat to the progress made with the Tansa Water Works. The c tractors for the construction of the Duct line, Messrs. Wa Lovett & Co., were not successful with their operations for tunnels, as only 1,750 lineal feet of tunnelling was comple The Acting Commissioner expresses the opinion that unsatisfactory rate of progress cannot be taken as the meas of the future progress. Fair advance was made with Duct generally, though the work has not advanced so f as to come up to the estimate of the proper outturn. O of the partners, Mr. Lovett, came out from England, a by various changes and improvements in organization, firm manifested a sincere desire to carry out the w efficiently ; and although at the outset, time was undoubt lost owing to faulty arrangements, Mr. Charles expects there will be a decidedly better amount of work done d the ensuing season. A large quantity of excavatio done for the Duct, and at different spots the masonry progress. One set of compressed air machinery was at one of the tunnels, and four more were being p that this season there will be five sets at wo progress was made with the earthwork on t sections, and it is expected that the bri the Bassein Creek will be completed by M The contractors for the Dam, Messrs. Gl pushed on with their work, and by the end working season, had put in 21,33,683 cubic fe In some places the excavations for the foun be carried to a much greater depth than wa

the information afforded by the trial pits, the levels of sound rock, sufficiently free from faults or fissures, being most capricious and irregular. Twenty thousand tons of water mains were delivered on the works, and a portion of the 27-inch distributing main for Arthur Road was supplied. Satisfactory progress was made for the acquisition of the land required, but as the Island of Bombay was approached, some of the owners demanded such high rates that the Executive Engineer for the works believes that the amount provided in the estimate for land compensation will not be sufficient. The rainfall at Tansa was 106·28 inches against the average of 109·99 for the last three years. The Municipal staff suffered severely from sickness, the district through which the works extend being undoubtedly feverish and unhealthy.

21. The rainfall at Vehar and Tulsi was unusually heavy, and the water overflowed the waste weirs of both lakes. At Vehar the puddle trench in the waste weir was replaced by concrete. The re-pitching of dam No. 2, and the extension of the puddle trench were commenced at the close of the year, but the works are not described in this Report, although in para. 48 it appears that the leakage which rendered these repairs necessary was computed thus: from the waste weir, 1,250,000 gallons; dam ditto, 200,000; total daily loss 1,450,000 gallons. The filter beds at Vehar worked satisfactorily, but will probably have to be enlarged, as they are not capable of dealing with about one-quarter of the water supplied direct to the northern part of the Island of Bombay. An account is given in para. 53 of the works in connection with the roofing of Malabar Hill Reservoir.

Over twelve miles of new water mains were laid, the most important of which was an 18″ pipe from the Vehar main from the Bhandarwada Reservoir to Frere Road, through which either Vehar or Tulsi water can be delivered to the Docks. Pending the arrival of the Tansa supply it was considered necessary to lay a 27″ main from the Vehar main on Parel Road, along Kala Chowki Road, Sandhurst Road and Tardeo Road to Gowallia Tank Road, there to connect with the existing 32″ Vehar and 26″ Tulsi mains. The object of laying this main in advance is to allow of the abandonment of the Vehar 24″ main being used to the

fullest possible extent. There were 499 applications for new water connections, and it is apprehended that serious inconvenience will be felt on account of the increasing demand for water, until the supply from Tansa can be brought in.

23. Adverting to the matter of Drainage, it seems that the question of sewer ventilation formed the subject of much correspondence and discussion between the Superintending Engineer, N. D., the Sanitary Commissioner, the Executive Engineer, Municipality, and the Acting Municipal Commissioner, as to the relative efficiency of surface and shaft ventilation, as applied to sewers in Bombay. To settle this vexed question, it has been decided to undertake experiments and observations on the relative effects of different systems of ventilation upon the air of the sewers, and the results of these experiments will be embodied in a future report. Ventilation of some kind is, of course, an urgent necessity in all sewers ; but the choice of the best meth is a matter of difficulty, some of the largest cities Europe having adopted surface ventilation and some sh ventilation.

24. Nearly all the house connections in Khetwadi Distri were completed, the ovoid sewer from Crawford Market the Mint was finished all but the ventilating sha the survey for house connections in the Agripada Dis was in progress, the trunk pipe sewers in the aggregating nine miles and-a-half, were laid and conn with the new ovoid sewer near the Town Hall.

25. There was great activity in the building 1,122 new structures being commenced against 607 84. During the year Sankli Street, connecting C with Ripon Road and Haines Road, and a low lev the north-west side of Bellasis Bridge were finish George LeGrand Jacob Memorial Fountain of w was opened ; a Small-pox Hospital was erected ; a Station at Gowallia Tank Road was partly Ollivant Overbridge was opened for traffic, and of minor importance were either completed stage.

26. The Standing Committee remark with satisfaction that the health of the city, generally, was good, although the number of deaths from all causes was 20,513, against 20,074 in the preceding year. Allowing for increase of population, the death-rate was 23·25 per 1,000. As compared with 1886, there was a reduced mortality from measles, fevers, diseases of the nervous system and deaths from accidents. From cholera there were 269 deaths, or a death-rate of ·31 per 1,000 of population. From small-pox there were 108 deaths. The highest mortality from cholera occurred in the Mahalakshmi and Esplanade Sections and was [illegible] to exceptional causes, for hundreds of scavengers and [illegible]eir families live in the Esplanade Section, whilst pilgrims [illegible]d mendicants find rest in the temples and places of shelter [illegible] Mahalakshmi. The population of those sections is [illegible]mall, and the death-rate is easily disturbed. The other [illegible]ections where the mortality was highest were Sewri, [illegible]hobitalao, Warli and Tarwadi. The highest mortality from [illegible]mall-pox was in Colaba and the next highest in Parel; [illegible] communities most afflicted by this disease being Jains, [illegible]l Hindus other than high-caste. The Health Officer is of [illegible]inion that adult vaccination and re-vaccination require [illegible]eater attention, and supports this view by the statement [illegible]hat during 1887, only 222 persons over six years of [illegible]age were vaccinated. The primary vaccinations amounted [illegible]o 17,063.

27. Exclusive of still-born children, the number of [illegible]s registered was 15,429 (an increase of 520 over the [illegible]ding year) which is still so disproportionate to the [illegible]rate as to be very unsatisfactory. The proportion of [illegible]nd deaths registered to population is given at 19·95 [illegible]0 and 26·53 per 1,000, respectively, on the census [illegible]n of 1881. If allowance be made for the usual [illegible]f population, the figures should be, births per 1,000, [illegible]ths per 1,000, 23·25. There was some improvement [illegible]rns of births registered among certain classes of [illegible]l with a view to offering more direct induce- [illegible]ister births, the Town Council in March last [illegible]r. Weir's proposal for paying the Registration [illegible]much per birth registered instead of by a fixed

The following table shows the recorded death and birth-rate among various sections of the community :—

Castes.	Death-rate.	Birth-rate.
Hindus, higher castes	24·18	18·61
Parsis.....	20·47	27·05
Musalmans	31·74	21·20
Hindus, low-caste	31·34	26·81
Europeans	17·22	16

The number of persons primarily vaccinated, as compar with the two preceding years, the number of persons und one year primarily vaccinated, and also the number of person re-vaccinated, were as under:—

	No. of Persons primarily vaccinated.	Primary vaccination under one year.		Re-vaccinate
		No. of persons.	Successful operations.	
1885.....	16,697	14,226	13,746	860
1886.....	16,468	13,640	13,258	1,126
1887.....	17,063	13,866	13,949	833

28. Much good work was done by the Health Depart ment during the year. On an average 3,892 men a women and 605 scavengering and drain carts and 150 nig soil and cesspool carts were at work each day. collection of garbage or katchra was greater than in previous year by 371 tons a day; 282,200 tons of ga were collected and disposed of during the year a 147,056 tons in 1886, the number of cart-loads c being from 1,500 to 1,700 daily. 211 miles of covere were opened and cleaned, against 198 in 1886.

29. The expenditure on the Health D amounted to Rs. 9,71,499-11-0, whilst its ear Rs. 4,92,278-9-5.

30. The total revenue from the Markets an houses was Rs. 3,04,516-8-10 against Rs. 2,93

1886-87. The increase of Rs. 11,140-13-8 is principally due to improved returns from the License, Slaughter and Fair Ground Fees.

The net revenue, after deducting working expenses and interest to the amount of Rs. 2,19,845, is nearly 5 per cent. against 4½ per cent. for the preceding year. The whole of the 6 per cent. loan will be fully paid off in 1888-89, so that, after that, the profit will be over 10 per cent.

The question of conveyance of meat by rail is daily g[illegible]g more important. In his report for the current year th[illegible]uperintendent of Markets alludes to the depreciated con-di[illegible] in which the meat arrives in the Market after undergo-in[illegible] journey by road of about ten miles. The great difficul-tie[illegible]n the way of a settlement of the question are the heavy ini[illegible]l outlay necessary to effect a change to carriage by rail-[illegible], and the difficulty of finding a site for a meat siding. [illegible] most convenient site would be a portion of the Native [illegible]ntry Lines opposite the Market, but Government have [illegible]ined to grant a site there.

[illegible]2. The services of the officers who were performing joint [illegible]ies as Police Officers and Fire Brigade Engineers were [illegible]ken over from the commencement of the official year. The [illegible]aff is now a purely Fire Brigade one, the officers having no [illegible]olice duties.

33. In conclusion, the Committee desire to note that the [illegible]mber of schools partly supported out of the Municipal con-[illegible]butions increased by four during the year, the number of [illegible]s on the rolls being 6,457 against 6,130 in the [illegible]s year.

DOSABHAI FRAMJI,
Chairman,
Standing Committee.

[illegible]*e Review is circulated to the Members of the [illegible] Corporation of Bombay, under the terms of section [illegible] the City of Bombay Municipal Act III of* 1888.

H. WYNFORD BARROW,
Municipal Secretary.

[illegible]*13th October* 1888.

LIST OF MEMBERS OF THE CORPORATION.

(*As existing*, 31*st March* 1888.)

CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. M.I.C.E., *Chairman*.

ABDULLA MEHERALI DHARAMSI, B.A., LL.B.
ARNOTT, J., SURGEON-MAJOR, M.D., C.M.
BAHMANJI PESTANJI MASTER.
BEHRAMJI NASARVANJI SIRVAI.
BHAISHANKAR NANABHAI.
BLANEY, THOMAS
CORNFORTH, J. P.
COTTON, G.
DAMODAR TAPIDAS.
DAMODAR THAKARSI MULJI.
DE[illegible]A, PHILLIP CLEMENT, L.M.
[illegible]AI FRAMJI, C.S.I.
[illegible]Y, J. R.
[illegible] RAGHUNATH NARAYAN
[illegible]E.
[illegible]BHAI VISRAM.
[illegible]ORN, EDWIN RICHARD
[illegible], GRATTAN
[illegible]Y, A. M.
SANDAS NAROTAMDAS.
ASJI DADABHAI.
AI ARDESAR SETT.
JI JIJIBHAI, SIR, BART., C.S.I.
JI PALANJI KAPADIA.
LAL UMIASHANKAR YAJNIK.
GHIR BEHRAMJI MARZBAN.
GHIR KAVASJI JEHANGHIR.
HASRU NAVROSJI KABRAJI.
SANDAS VALLABHDAS.
HINATH TRIMBAK TELANG, THE N'BLE MR., C.I.E.
ASJI DADI LIMJI.
ASJI HORMASJI, G.G.M.C.
ASJI MEHRVANJI SHROFF.
HAROLD R.
MAD HUSEN HAKIM.
ERJI KAVASJI MARZBAN, BAHADUR, ASSOC. M.I.C.E.
MANCHERJI NAVROSJI BANAJI.
MARTIN, GERALD W., MAJOR
MEREWETHER, G. L. C., COLONEL, R.E.
MIRZA HUSEN KHAN.
MULJI BHAVANIDAS BARBHAYA.
NANABHAI B. JIJIBHAI.
NAVROSJI BEHRAMJI SANTUK.
NAZAR MAHAMAD FUTEHALI.
PARSHOTAMDAS MANGALDAS NATHUBHAI.
PETERSON, P., M.A., D.SC.
PHEROZESHA MEHRVANJI MEHTA, THE HON'BLE MR., M.A., B.L.
PORTMAN, A. B., LIEUT.-COLONEL
RAGHUNATH NARAYAN KHOTE, C.I.E.
RAHIMTULA MAHAMAD SAYANI, M.A., LL.B.
RASTAMJI DHANJIBHAI SETHNA, B.A., LL.B.
RASTAMJI NASARVANJI KHORY, M.D., M.R.C.P. (LONDON).
REHEMUBHAI ALLANA.
SELBY, H. O., MAJOR, R.E.
SHIVJI DHARMAJI.
SOUTER, SIR FRANK H., KT., C.S.I., C.I.E.
TRIBHUVANDAS MANGALDAS NATHUBHAI.
TRIBHUVANDAS VARJIWANDAS.
ULOTH, H. WILMOT
UNDERWOOD, C. F., M.D., F.R.M.S.
VANDRAVANDAS PARSHOTAMDAS.
VINAYAKRAO RAMCHANDRA LAKSHIMANJI.
VISHVANATH NARAYAN MANDLIK, RAO SAHEB, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London).
WATERS, G., SURGEON-MAJOR, L.R.C.S., L.R.C.P.

[illegible]OF MEMBERS OF THE TOWN COUNCIL.

(*As existing*, 31*st March* 1888.)

DOSABHAI FRAMJI, C.S.I., *Chairman*.

[illegible]MIASHANKAR YAJNIK.
[illegible]MASJI, G.G.M.C.
[illegible]ER, G. L. C., COL., R.E.
CAPTAIN SIR HENRY, KT., [illegible].R.G.S., F.R.A.S., ASSOC. M.I.C.E.
[illegible]JI NAVROSJI BANAJI.
[illegible] B. JIJIBHAI.
[illegible]TH NARAYAN KHOTE, [illegible]C.I.E.
RAHIMTULA MAHAMAD SAYANI, M.A., LL.B.
SOUTER, SIR FRANK H., KT., C.S.I., C.I.E.
VISHVANATH NARAYAN MANDLIK, RAO SAHEB, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London).
WATERS, G., SURGEON-MAJOR, L.R.C.S., L.R.C.P.

ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER.

INTRODUCTORY.

1. Mr. Ollivant, Municipal Commissioner, who was granted leave of absence for nine months and fifteen days, with permission to extend the leave for a further period not exceeding one year, went on furlough from 29th April 1887, and I acted for him throughout the remainder of the year.

I.—Corporation and Town Council.

2. Captain (now Sir) Henry Morland was proposed for re-election as Chairman of the Corporation at the Quarterly Meeting held on 5th April; and Mr. Rahimtula Mohamed Sayani was also nominated for the post. Captain Morland was returned by a majority of 9 votes, and held the appointment until the end of the year.

3. Sixty Meetings were held and twenty more were convened, but not held for want of quorum. Besides these, fifty-seven Committee Meetings were held, and nine others convened, but not held for want of quorum. Of the Committee Meetings held, forty-two were of the Committee of the whole Corporation regarding the New Municipal Bill (No. 4 of 1887) and of Sub-Committees thereof. Nine other Meetings of the Committee were convened, but not held for want of quorum.

4. During the same period, there were fifty-three Meetings of the Town Council, seven Sub-Committee Meetings, and a hundred and seventy-five attendances for cheque signing and audit of the weekly statement of accounts.

5. The changes in the personnel of the Corporation were as follow :—Mr. G. A. Barnett, C.I.E., resigned, and was succeeded by Mr. H. W. Uloth, appointed by Government. Mr. Khaldas Jagmohandas died, and was succeeded by Dr. P. Peterson, elected. Mr. Jumabhai Lalji died and was succeeded by Mr. Grattan Geary, also elected.

6. As regards the Town Council, Lieut.-Colonel A. B. Portman on resigning his seat was succeeded by the late Sir Frank H. Souter, Kt., C.S.I., C.I.E., as an elected member.

7. In accordance with the terms of Government letter No. 3314, Political Department, dated 20th May 1887, the duty of conveying to England the Address of Congratulation* from the Corporation on behalf of the inhabitants of this city to H. I. M. the Queen-Empress on the celebration of the Jubilee of her reign was entrusted to Captain Morland (who was also Chairman of the Jubilee Executive Committee). Under instructions received from the Department of the Secretary of State for India, Captain Morland proceeded to Windsor Castle on the 30th June, on the occasion of the reception by Her Imperial Majesty of the Princes and deputations from India. Mr. H. Wynford Barrow, the Clerk to the Corporation, also attended at the presentation in accordance with the official programme issued for the ceremony. Her Majesty was graciously pleased to accept the Addre[illegible] and after minutely inspecting the casket containing the doc[illegible] ment, gave the following reply :—

"Victoria, R. I.

"I accept with great satisfaction the address of the Cor
"poration of the City of Bombay, and the kindly expression
"towards myself personally, which it contains.

"Allusion is made to the proclamation issued on the oc[illegible]
"sion of my assumption of the direct Government of Ind
"as the Charter of the liberties of the Princes and people
"India. It has always been, and will continue to be, [illegible]
"earnest desire that the principles of that Proclamat
"should be unswervingly maintained.

"I have watched with pleasure the progress of the g
"City of Bombay and its advance not only in material p
"perity, but also in education and in matters tending to
"improved health and comfort of the people."

Thereupon Her Imperial Majesty was pleased to confer
honor of Knighthood on Captain Morland.

8. The Municipal Bill No. 4 of 1887 was received fro
Government for remarks on 31st May 1887. The Corpor[illegible]

* Published in volume X of the *Record* of the Proceedings of the Corporation and th
Town Council.

tion, on 14th July 1887, resolved it should be referred to a Committee of the whole Corporation, and the report of that Committee was adopted by the Corporation on 25th October 1887 and forwarded to Government on the same date.

A subsequent Committee's report was adopted on 2nd March 1888.

9. The Legislative Council began the discussion of the Bill on 6th March 1888, and finally passed the Bill on 28th March 1888. The sanction of the Government of India to the Bill had not been received up to August 1st, 1888.

II.—Heads of Departments.

10. Mr. Barrow, Secretary, Town Council, and Clerk, Municipal Corporation, was on privilege leave for three months from 29th April 1887, and returned to duty on 1st August 1887. During the period Mr. J. Leask, Assistant Health Officer, acted for him.

11. Mr. Rienzi Walton, Executive Engineer, who, I regret to say, suffered from a severe attack of typhoid fever, was granted three months' privilege leave from 3rd January 1888, and sick leave for fifteen months in continuation; and Mr. James W. Smith, Deputy Executive Engineer, Drainage, was appointed to act for him by the Town Council, who rejected my proposal to appoint a gentleman from Government service who is Executive Engineer for Irrigation of the Poona District.

Mr. J. J. B. Benson, who was selected out of 25 applicants for the post of Assistant Engineer, Drainage, to fill Mr. Smith's place, joined his appointment on 1st March 1888.

12. Mr. W. Clerke, Executive Engineer, Tansa Works, was granted special leave on full pay in accordance with his agreement from 15th June 1887 to 6th November 1887, and Mr. T. C. H. White, Deputy Executive Engineer, Tansa Works, was in charge of the works without extra pay.

13. Mr. R. P. Brunton, Assessor and Collector, was on privilege leave from 7th June to 8th July 1887, and Rao

Bahadur Virprasad Tapiprasad, Special Assistant to the Commissioner, acted for him in addition to his other duties.

There were no other changes of importance.

14. I take this opportunity, as it will be my last in this appointment, of placing on record my appreciation of the very hard work done by the heads of departments. No one who is not brought in personal contact with their work, can have any idea of the enormous labour which they have to go through in order to cope with the vast extent of Municipal work, or of the zeal and conscientious desire to do the best for the public, which they evince. Where all have worked so well, I feel it would be an invidious task to single out names for special acknowledgments, and therefore I refrain from the attempt. Of my personal office I cannot speak too highly. They have worked cheerfully far beyond the hours of daily office work as laid down in the By-laws, and I shall be glad if in future they can be rewarded.

III.—Financial.

15. The following table shews at a glance the Income and Expenditure during the year:—

	Rs.	a.	p.
Opening Balance, including advances recoverable, &c.....	20,58,937	14	8
Revenue credited from all sources	51,66,529	10	11
Total available for expenditure.....	72,25,467	9	7
Spent during the year.....	58,12,690	4	10
Difference.....	14,12,777	4	9
Actual closing balance after making allowance for adjustments, advances recoverable, &c., as detailed at pages 68 and 69 of Controller's report	13,64,599	1	5

The opening balance was greater by Rs. 15,58,937-14-8 than the budget estimate.

Of the opening balance, Rs. 5,00,000 were appropriated in the budget for 1887-88 and Rs. 11,42,824-7-2 represent the unexpended balance of lapsed grants of 1886-87 renewed in 1887-88.

The revenue fell short of the estimates under only two heads, *viz.*, Toll Fees and Miscellaneous Fines. The deficiency amounted to Rs. 3,253-5-5. Under the other heads the revenue was better than the estimate by Rs. 7,12,733-0-4.

The total revenue of the year, including profit on Stores and Departmental Water Charges was Rs. 51,66,529-10-11 which is Rs. 7,09,479-10-11 better than the estimate; and more by Rs. 2,64,714-15-1 than the actuals of 1886-87. Deducting Rs. 82,894-13-8, the sum charged in the accounts for water consumed by the Municipal Departments, the net income was Rs. 50,83,634-13-3; or also deducting the nominal item Profit on Stores, Rs. 50,51,460-0-5.

The *total expenditure, including* nominal Departmental Water Charges, was Rs. 58,12,690-4-10, which is more by Rs. 6,36,328-4-3 than the actuals for 1886-87, but less than the budget estimate by Rs. 6,39,498-2-4.

The total grants sanctioned for expenditure during the year amounted to Rs. 64,52,188-7-2 as shewn below :—

	Rs.	a.	p.
Originally sanctioned in the Budget ...	46,90,677	0	0
Lapsed grants renewed	11,42,824	7	2
Additional grants sanctioned out of Cash Balances	6,18,687	0	0
Total sanctioned ...	64,52,188	7	2
Deduct—spent ...	58,12,690	4	10
Balance, expenditure less than sanctions ...Rs.	6,39,498	2	4

6. The following tables **A** and **B** shew the main heads of Revenue and Expenditure, as compared with the budget estimates for 1887-88 and the actuals for 1886-87:—

A.

REVENUE.

Items.	Actuals for 1886-87.	Estimate for 1887-88.	Actuals for 1887-88.	Actuals for 1887-88 as compared with actuals for 1886-87.		Actuals for 1887-88 as compared with estimate for 1887-88.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Consolidated Rate	14,88,867 5 0*	13,51,000†	14,07,013 6 4†	.....	81,853 14 8	56,013 6 4	.....
Wheel-tax	3,03,804 11 3	3,03,000	3,22,659 0 7	18,854 5 4	.....	19,659 0 7	.....
Toll Fees	15,756 8 0	15,800	14,333 8 0	.....	1,423 0 0	.....	1,466 8 0
Liquor Licenses	1,43,750 0 0	1,43,750	1,43,750 0 0	.....	.....	.....	.....
Tobacco Duty Licenses	1,90,249 10 2	1,71,000	1,84,168 4 8	.....	6,081 5 6	13,168 4 8	.....
Land Conveyance Licenses ...	3,942 11 11	3,200	4,049 12 9	107 0 10	.....	849 12 9	.....
Town Duties	10,12,152 6 9	8,70,000	9,96,750 4 9	.....	15,402 1 3	1,26,750 4 9	.....
Halalkhor Cess	3,18,630 6 11	3,53,000	3,72,257 11 0	53,627 4 1	.....	19,257 11 0	.....
Market Receipts	2,72,915 10 11	2,64,500	2,88,690 1 0	15,774 6 1	.....	24,190 1 0	.....
Miscellaneous Fees...	89,862 9 4	75,100	90,068 7 9	205 14 5	.....	14,968 7 9	.....
Miscellaneous Receipts	98,885 7 10	79,400	98,788 0 5	.....	97 7 5	19,388 0 5	.....
Water Rate	7,74,651 4 6	7,37,300	8,83,724 6 3	1,09,073 1 9	.....	1,46,424 6 3	.....
Miscellaneous	1,88,346 0 0	90,000	3,60,276 11 5	1,71,930 11 5	.....	2,72,063 8 10	1,786 13 5
Total ...Rs.	49,01,814 11 10	44,57,050	51,66,529 10 11	3,69,572 11 11 1,04,857 12 10	1,04,857 12 10	7,12,733 0 4 3,253 5 5	3,253 5 5
				[illegible] 15 1		7,09,479 10 11	

B.

EXPENDITURE.

	Actuals for 1886-87.	Estimate for 1887-88.	Actuals for 1887-88.	Actuals for 1887-88 compared with the actuals for 1886-87.		Actuals for 1887-88 compared with the estimate for 1887-88.	
				More.	Less.	More.	Less.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
General Superintendence	1,73,090 1 8	1,78,806 13 10	1,70,945 3 9	.....	2,144 13 11	...	7 861 10 1
Assessment and Collection Department.	2,17,133 3 8	2,16,827 13 9	2,12,137 13 2	.....	4,995 6 6	...	4,690 0 7
Police and Fire Brigade	3,32,818 0 10	3,72,835 9 7	3,31,018 4 11	.....	1,799 11 11	...	41,817 4 8
Public Health Department	10,10,118 7 5	11,37,839 14 2	10,75,735 5 2	65,616 13 9	....	...	62,104 9 0
Public Works, Ordinary	11,14,201 3 9	14,57,652 3 4	12,25,240 0 1	1,11,038 12 4	.....	...	2,32,412 3 3
New Works	1,25,222 4 1	2,64,104 11 3	97,107 11 10	.....	28,114 8 3	...	1,66,996 15 5
Public Gardens	38,325 15 6	45,231 13 1	42,123 2 3	3,797 2 9	.....	...	3,108 10 10
Municipal Debt	8,93,553 1 1	24,07,738 7 4	23,27,681 1 8	14,34,128 0 7	.....	...	80,057 5 8
Pensions, Gratuities, and Compassionate Allowances	19,132 9 1	30,686 7 5	30,530 11 6	11,398 2 5	.....	...	155 11 11
Education	32,604 0 1	1,35,778 15 8	1,34,714 12 11	1,02,110 12 10	.....	...	1,064 2 9
Hospitals and Dispensaries	48,386 7 4	45,108 0 0	40,753 1 0	.....	7,633 6 4	...	4,354 15 0
Miscellaneous	1,71,776 10 1	1,59,577 9 9	1,24,703 0 7	.....	47,073 9 6	...	34,874 9 2
Total... Rs.	41,76,362 0 7	64,52,188 7 2	58,12,690 4 10	17,28,089 12 8 91,761 8 5	91,761 8 5	...	6,39,498 2 4
				16,36,328 4 3			

17. From statement **A**—Revenue—it will be seen that the items, Consolidated Rate and Town Duties yielded less by Rs. 97,255-15-11 than in the previous year, and that small decreases amounting in all to Rs. 7,601-12-11 appear under Toll Fees, Tobacco Licenses and Miscellaneous Receipts. The other items all shew increases, as compared with the actuals of the previous year, aggregating Rs. 3,69,572-11-11. The largest increases are under Halalkhor Cess, Market Receipts, Miscellaneous, and Water Rate : the latter yielding Rs. 1,09,073-1-9 more than in the previous year—a particularly satisfactory result of careful work and water waste prevention.

The large decrease of Rs. 81,853-14-8 in the Consolidated Rate is entirely due to the reduction of rate from 8¾ per cent. in 1886-87 to 8 per cent. in 1887-88.

The loss is, of course, less than ¾ per cent. on the tota
on account of increase in assessments owing to rise i
rents and the erection of new buildings. The falling off
Rs. 15,402-1-3 in Town Duties is due to heavy refu
during the year on kerosine oil imported during the previ
year, coupled with a very small import of the oil during
year.

The increase in the yield of the Halalkhor Cess follo
the increased assessment of old buildings and the erecti
of new ones. One feature of the water revenue is t
increased consumption by meter, about one half of t
revenue or Rs. 4 lakhs, being now derived from that sour
Municipal meters on hire are quickly superseding priva
meters, consumers finding it more convenient to hire me
from the Municipality, the latter being kept in order by
Water Works Department.

The large increase of Rs. 1,71,930-11-5 in Miscellaneo
was due to the proceeds of the sales of part of the fro
ages on the Ripon Road amounting to Rs. 1,78,831-3
being credited during the year.

Excluding this unusual item (Sale of Frontages), t
normal revenue exceeded that of the previous year

Rs. 85,883-11-9 in spite of the reduction of Rs. 81,853-14-8 in the Consolidated Rate.

18. Turning to Statement **B**—Expenditure—the following changes may be noticed as compared with 1886-87 :—General Superintendence, the Assessor's Department, Police and Fire Brigade, New Works, Hospitals and Dispensaries, and Miscellaneous ; all cost less, the decrease amounting to Rs. 91,761-8-5, of which Rs. 28,114-8-3 were due to New Works, and Rs. 47,073-9-6 to Miscellaneous. The saving of Rs. 4,995-6-6 in the Assessment Department was entirely due to the charge of Rs. 14,780-8-0 for preparing and printing 200 copies of the Assessment Books paid in 1886-87 not recurring in last year.

"New Works," of course, is an item which fluctuates from [redacted]r to year, according to the number and character of the [redacted]ks to be done.

[redacted]he decrease under Miscellaneous is principally due to [redacted]ges amounting to Rs. 24,052-5-6 for illuminating [redacted]cipal buildings, decorating streets, &c., on account [redacted]er Majesty's Jubilee having been incurred in the [redacted]s year, and to Rs. 22,389-3-6 being less expended on [redacted]nstruction of Ollivant Bridge at Nesbit Road in 1887-88 [redacted]n the preceding year.

[redacted]the items showing increased expenditure, the Public [redacted]h Department cost more by Rs. 65,616-13-9, the [redacted]se being principally due to extension of the Halalkhor [redacted]e to the Port Trust section of B Ward and to various [redacted]ing and weaving mills, to the taking over of the clean- [redacted]f certain roads on the Port Trust estate, and to repairs [redacted]alth Department buildings, Markets, &c.

[redacted]e increase of Rs. 1,11,038-12-4 on Public Works [redacted]nary was chiefly due to the increased grant passed during [redacted]ear for road repairs, improvement of streets, water works, [redacted]epairing and lighting Port Trust Wharves roads.

[redacted]. 3,797-2-9, increase under Public Gardens, is due to the [redacted]f the new Superintendent appointed at the beginning [redacted]87-88, and to certain improvements made in the Victoria [redacted]ens last year.

Municipal debt shows an increase of Rs. 14,34,128-0-7 due chiefly to repayment of a portion of the 44 lakhs Sanitary Works Loan, and increased interest on the Tansa and other Loans raised, and the discount of Rs. 2,53,220 on the Sanitary Works Loan sanctioned to be adjusted out of current revenue.

Pensions, Gratuities and Compassionate allowances showed an increase of Rs. 11,398-2-5 due to the payment of a gratuity of Rs. 7,200 to C. B. Graham, Esq., on his retirement from Municipal service, and to increased pension and gratuity charges for other Municipal employés and to larger compassionate allowances paid during last year.

The large increase of Rs. 1,02,110-12-10 in Education is almost entirely due to the grant of Rs. 80,000 to the Victoria Jubilee Technical Institute which was paid during the ye and to extra allotments for primary education and Victo and Albert Museum due the year before, but not paid till year under report.

Deducting the Technical Institute contribution and the for increased repayment of debt interest and discount on the increase in expenditure due to ordinary and rec causes was Rs. 1,22,200-3-8, which is not more than have been expected from the rapid expansion of the cit

19. The grants which lapsed at the close of the owing to incomplete works or undischarged liabil amounted to Rs. 6,39,498-2-4. Of this, Rs. 1,13,55 will return to cash balance as savings on completed w &c., and Rs. 5,25,940-15-8 must be renewed in 188 to provide for the completion of sanctioned works an payment of liabilities incurred in 1887-88.

Excluding these lapsed grants to be renewed, and dep and all sums owed for necessary adjustments, &c., the a closing balance was Rs. 8,38,658-1-9, which is better the estimate of the opening balance in the Budget of 188 by Rs. 2,95,658-1-9 and more than the estimate of the ing balance in the Budget for 1887-88 by Rs. 7,38,658 exclusive of sums belonging to 1887-88, but rema uncollected at the close of the year.

Assets and Liabilities.

20. The following statement shows the total Assets and Liabilities at the end of the year :—

Assets.	Rs.
I.—Investments, Loan Funds, and Building Fund	81,38,471
II.—Advances, Departmental and to Contractors	2,10,327
III.—Municipal Property :—	
(1) Land and Buildings, Tulsi, Vehar, Bhandarwada and Tansa Works	2,10,74,198
(2) Roads, Bridges and other Improvement Works	49,82,675
(3) Stock	15,93,554
Total Assets	3,59,99,225
Deduct—Total Liabilities	2,27,58,717
Value of Assets over liabilities	1,32,40,508

Liabilities.	Rs.
I.—By various loans	2,17,85,588
II.—Deposits by Contractors, &c.	9,60,312
III.—Adjustment items (reserved for Loan Works Establishment)	12,817
Total Liabilities	2,27,58,717

21. The statement given below shows our financial position at the beginning and end of the year respectively, with regard to the various Loans raised from the public and borrowed from Government :—

...ग	Amount of liability at the beginning of the year.	Increase during the year.	Decrease during the year.	Amount of liability at the close of the year, exclusive of future annual interest.	Year in which the whole liability will be discharged.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
...n ...	52,01,700 0 0	*a*2,34,987 14 3	3,58,942 10 2	50,77,745 4 1	1910
...f 1878	24,81,500 0 0	*a*1,22,087 8 0	1,47,587 8 0	24,56,000 0 0	1918
...House					
...1867					
...nting					
...00.....		Fully invested.*			1888
...nitary					
...f 1885-					
.....	43,93,000 0 0	*a*2,12,075 0 0	6,55,075 0 0	39,50,000 0 0	1925
...Works	17,00,000 0 0	*a*1,07,969 13 9 *b*30,00,000 0 0	1,07,969 13 9	47,00,000 0 0	Between 1928 & 1953.
...itary					
...n of					
.....	.....	*b*7,00,000 0 0	.....	7,00,000 0 0	1928
...ge &					
...Loan					
.....	.....	*b*6,00,000 0 0	.....	6,00,000 0 0	1928
...1...Rs.	1,37,76,200 0 0	49,77,120 4 0	12,69,574 15 11	1,74,83,745 4 1	
.....	29,58,427 1 5	*a*1,15,616 1 3	1,75,200 0 0	28,98,843 2 8	1915
...l...Rs.	1,67,34,627 1 5	50,92,736 5 3	*c*14,44,774 15 11	2,03,82,588 6 9	

...ums, aggregating Rs. 7,92,736-5-3, represent the interest paid during the year.
...ums, aggregating Rs. 43 lakhs, represent the amount borrowed during the year.
...m is made up of Rs. 7,92,736-5-3 paid for interest as per items marked a, Rs. 1,83,538-10-8 ...ment for reduction of the consolidated Loan and Vehar debt, and Rs. 4,68,500 paid towards ... of the Debentures of the Drainage Loan of 1878 and 44 lakhs Sanitary Works Loan.
...he invested Sinking Fund for these Loans, Rs. 3,35,000 were paid off during the year.

22. The very favourable rate at which the later instalments of the Tansa 5 per cent. Loan were taken up, *viz.*, 107, properly belongs to 1888-89, but even in the year under report the loans raised were taken at rates above par, and after deducting cost of stamps and other charges, Rs. 9,187-8 were gained above the nominal sums required. It becomes a question how these gains are to be treated. As in the case of large works, such as the Tansa Lake, considerable excesses may occur owing to unforeseen causes; I think the safest course would be to credit the gains (*minus* the expenses of stamps, brokerage, &c.) to the particular work. In the end on the completion of the work, if any balance remains unspent, it can be utilized in carrying out any othe loan work, so far as it goes, instead of a new loan bein raised.

23. The accompanying two statements show the ra at which the loans were raised in 1887-88 and the ra already fixed for loans to be raised in 1888-89. The la statement is given in order to illustrate the remarks n above, although the transactions shown in it do not pro belong to this report :—

STATEMENT showing the amount of Loans raised in 1887-88 the price received for the same.

Name of Loan or Work.	Dates when Instalments were raised.	Amount raised.	Rate of each Instalment	Amount of premia received.		Cost of brokerage and stamps.		N pr c p wit
		Rs.		Rs.	a.	Rs.	a.	R
Tansa Loan 123 Lakhs ...	10th Aug. 1887	10,00,000	100¾ %	7,500	0	6,250	0	1,2
2nd Instalment...	1st Nov. 1887...	10,00,000	Do.	7,500	0	6,250	0	1,2
	1st Dec. 1887...	1,50,000	101 %	1,500	0	750	0	7
	2nd do. 1887...	8,00,000	Do.	8,000	0	5,000	0	3,0
	30th do. 1887...	50,000	Do.	500	0	250	0	2
		30,00,000		25,000	0	18,500	0	6,5
Drainage and Water Works Loan of 12 Lakhs, 1st Instalment	1st Jan. 1888...	6,00,000	101 %	6,000	0	3,750	0	2,25
Sanitary Works Loan of 7 Lakhs	1st Feb. 1888...	7,00,000	100 11/16 %	4,812	8	4,375	0	43
Total Rupees...		43,00,000		35,812	8	26,625	0	9,18

[redacted] premia received and to be received for the same.

Name of Loan or Works.	Dates when Instalments were raised and are to be raised.	Amount raised and to be raised.	Rate of each Instalment.	Amount of premia received & to be received.	Cost of brokerage and stamps.	Net profit as compared with par.
		Rs.		Rs. a. p.	Rs. a. p.	Rs. a. p.
Drainage and Water Works Loan of 12 lakhs, 2nd Instalment.....	30th June 1888.....	6,00,000	105½ per cent...	30,750 0 0	3,750 0 0	27,000 0 0
Tanna Loan of 123 lakhs, 3rd Instalment.....	11th August 1888	2,00,000	105¾ do. ...	11,500 0 0	1,250 0 0	10,250 0 0
Do. do. do.	15th August 1888.....	6,00,000	105½ do. ...	33,000 0 0	3,750 0 0	29,250 0 0
Do. do. do.	1st October 1888	8,00,000	107 do. ...	56,000 0 0	5,000 0 0	51,000 0 0
Do. do. do.	15th November 1888	9,00,000	Do. ...	63,000 0 0	5,625 0 0	57,375 0 0
		25,00,000		1,63,500 0 0	15,625 0 0	1,47,875 0 0
Loan of 11,82,000.....	1st October 1888	2,82,000	107 per cent...	19,740 0 0	1,762 8 0	17,977 8 0
Do.	1st November 1888	4,00,000	Do. ...	28,000 0 0	2,500 0 0	25,500 0 0
Do.	1st December 1888	5,00,000	Do. ...	35,000 0 0	3,125 0 0	31,875 0 0
		11,82,000		82,740 0 0	7,387 8 0	75,352 8 0
Total...Rs.		42,82,000		2,76,990 0 0	26,762 8 0	2,50,227 8 0

24. The Revenue, Expenditure and Balances of the past five years have been contrasted in the following table :—

	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.
	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue	37,37,272	42,13,867	44,73,973	49,01,815*a*	51,66,530*c*
Expenditure	37,15,812	38,81,020	40,66,940	41,76,362*b*	58,12,690*d*
Closing balance (including advances to loan works, &c., and minor deposits)	7,40,919	11,60,586	15,62,410	20,58,938	13,64,599
Add—Recoverable Revenue Outstanding	3,38,439	3,41,115	90,000	90,000	1,10,000
	10,79,358	15,01,701	16,52,410	21,48,938	14,74,599
Deduct — Uncompleted works, &c., for which grants had to be renewed in the following year...	3,31,257	6,65,803*e*	9,84,524*f*	11,42,824*g*	5,25,941*h*
Net balance available for requirements of following year	7,48,101	8,35,898	6,67,886	10,06,114	9,48,65[illegible]

25. In para. 18 of Mr. Ollivant's Annual Report fo[r] 1885-86, he referred to the necessity for defining more exactl[y] than hitherto the works to be debited to Loan Funds and t[o] current Revenue respectively. The Corporation appointed [a] Committee to consider this question, and the decision finall[y] arrived at was as follows :—

A. To charge to current Revenue—

(1) Repairs, renewals and replacements, or maintena[nce] of works already completed, as also the interest [on] Loans.

(2) New works, costing not more than Rs. 10,000 ea[ch] up to a limit of rupees one lakh per annum, as [the] total of such works in any one year.

B. To charge to Loan Funds—

All New Works costing over Rs. 10,000, not being [re]pairs, renewals, or replacements of existing wo[rks]

This decision marks an important change in the Finan[cial] history of the Municipality, and many desirable works wh[ich] could not have been carried out under the system of charg[ing] to current Revenue, can now be undertaken. I think, ho[w]ever, that in view of the great number of small works requi[ring] annually, the limit of one lakh for them is too low.

a Includes Rs. 77,228-8-3 on account of nominal income for water charged Municipal Departments.
b Includes do. charged for water supplied to Municipal Department
c Do. Rs. 82,894-13-8 on account of nominal income for do.
d Do. do. charged for water supplied do.
e Inclusive of Rs. 91,671 renewed for repayment of capital out of actual savin[gs] on debt.
f Do. Rs. 2,63,316 do. do.
g Do. Rs. 3,77,364 do. do.
h Do. Rs. 20,255 do. do.

IV.—Assessment and Collection of Revenue.

Registration of Properties.

26. The number of properties on the Assessment Book at the close of 1887-88 was 49,313 against 48,470 in 1886-87, showing a net increase of 843. The details are contrasted in the following table : —

Years.	Classification of properties according to description.					Classification of properties according to liability to pay Consolidated Rate.			
	Buildings.	Salt pans.	Cocoanut plantations.	Vacant lands including Tanks, &c.	Total.	Number Assessed to Consolidated Rate.	Number exempt or compounded for on special terms.	Small plots of unproductive land for which no bills are issued.	Total.
1	2	3	4	5	6	7	8	9	10
1886-87	31,369	199	1,283	15,619	48,470	33,888	5,642	8,940	48,470
1887-88	32,098	199	1,278	15,743	49,313	34,488	5,607	9,218	49,313

In the year under report 395 buildings were demolished [illegible] 820 new buildings were erected and 365 existing [illegible]ildings were enlarged, the other differences in the preced-[illegible]g table being due mainly to the sub-division or re-adjust-[illegible]ent of Assessment numbers to suit the altered conditions of [illegible]operties for assessment purposes under Section 76, Clause 1, [illegible] the Municipal Act.

Valuation.

27. The gross recorded value of these properties for the [illegible]ar under report is shown in the following table in contrast [illegible]ith that of the preceding year :—

Closing Valuation of 1886-87.	Opening Valuation for 1887-88, section 79.	Valuation after Complaint, section 80.		Subsequent Amendments, section 81.		Closing Valuation of 1887-88.				Increase.
		Number of Complaints.	Amount after disposal of Complaints.	Reductions.	Enhancements.	Valuation chargeable with Consolidated Rate.	Valuation exempt from Consolidated Rate, section 77.	Valtn. for which no Consolidated Rate Bills issued.	Total.	
1	2	3	4	5	6	7	8	9	10	11
Rs. 2,16,27,230	Rs. 2,24,46,922	3,136	Rs. 2,23,93,190	Rs. 2,80,765	Rs. 6,79,921	Rs. 2,00,24,488	Rs. 27,49,277	Rs. 18,583	Rs. 2,27,92,346	Rs. 11,65,116

The increase in valuation shown by column 11 of the preceding table may be apportioned to the following heads:—

		Rs.
1.	Rise in rents and correction of under-assessments	3,78,827
2.	Erection of new buildings	4,96,187
3.	Enlargements	2,90,102
		11,65,116

Property Rates.

28. Though the increase in valuation shown above has resulted in a corresponding increase in the demand on account of Property Rates, the increase on that account under Consolidated Rate (Rs. 94,089-13-2) has been more than counterbalanced by the decrease (Rs. 1,21,735-10-10) arising from the reduction of the rate from 8¾ per cent. in 1886-87 to 8 per cent. in 1887-88; and the revenue from Consolidated Rate accordingly shows a net decrease of Rs. 27,645-13-8. In respect of the total revenue from the three Property Rates, however, the net result of the year is an increase of Rs. 81,458-10-7 as the following comparative tables will show:—

Consolidated Rate.

1886-87.									1887-88.					
8¾ per cent. on Value.			Compounded sums payable.							Compounded sums payable				
				By Port Trust at										
8 Per cent.	¾ Per cent.	Total.	By Government at 8 per cent.	8 Per cent.	¾ Per cent.	Total of Columns 5 and 6.	Total of Columns 1, 4 & 5 (amount at 8 per cent.)	Total of Cols. 3, 4, & 7 (amount at 8¾ c/c.)	8 Per cent. on Value.	By Government at 8 per cent.	By Port Trust at 8 per cent.	Total of Columns 10, 11 & 12.	Decrease (Difference between Columns 9 and 13).	Increase (Difference between
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Rs. a. p. 11,37,853 14 11	Rs. a. p. 1,06,633 10 10	Rs. a. p. 12,43,947 9 9	Rs. a. p. 60,000 0 0	Rs. a. p. 1,61,190 0 0	Rs. a. p. 15,112 0 0	Rs. a. p. 1,76,302 0 0	Rs. a. p. 13,45,513 14 11	Rs. a. p. 14,70,249 9 9	Rs. a. p. 12,99,613 12 1	Rs. a. p. 60,000 0 0	Rs. a. p. 1,62,990 0 0	Rs. a. p. 14,42,603 12 1	Rs. a. p. 27,645 13 8	Rs. a. p.

The Consolidated Rate on properties exempt under section 77 of the Act does not appear in the above table. It amounts to Rs. 1,97,948-12-8 for 1887-88.

Water Rate.

1886-87.				1887-88.				Increase.
On Value.	Compounded.	On Meter Measurement.	Total.	On Value.	Compounded.	On Meter Measurement.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
3,66,639 6 4	3,296 12 2	3,98,399 2 3	7,70,334 4 9	4,00,024 4 5	3,203 12 3	4,36,177 3 2	8,39,505 3 10	69,170 15 1

Halalkhor Rate.

1886-87.			1887-88.			Increase.
On Value.	Special Service.	Total.	On Value.	Special Service.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
2,83,652 4 2	42,327 13 4	3,25,980 1 6	3,09,526 10 5	56,387 0 3	3,65,913 10 8	39,933 9 2

The total demand on account of Property Rates for the ear under report thus amounted to Rs. 26,48,022-10-7 against Rs. 25,66,564 in 1886-87. To this sum must be ded Rs. 36,876-10-0, being demands on account of previous rs brought to account for the first time in the year under port, thus giving a total demand of Rs. 26,84,899-4-7.

Collection.

29. Of the above total demand, Rs. 2,257-15-10 were allowed mission or drawback under Section 76 of the Act, and ,12,990, representing the sum payable by Government and Port Trustees, were paid without bills direct into the icipal Office. For the recovery of the remainder, 24,69,651-4-9, bills were prepared and issued by the essm nt Department as follows :—

Years.	Bills to be issued.		Bills issued.		Bills remaining to be issued at the end of 1887-88.	
	No.	Amount.	No.	Amount.	No.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.
.....	40	206 4 0	40	206 4 0	..	....
.....	145	1,062 8 11	145	1,062 8 11	..	....
uarter of 1883	74	294 2 3	74	294 2 3	..	....
84	238	1,825 15 3	238	1,825 15 3	..	....
85	360	2,442 9 0	360	2,442 9 0	..	....
86.....	515	6,093 8 1	515	6,093 8 1	..	....
87.....	870	24,951 10 6	870	24,951 10 6	..	....
	2,242	36,876 10 0	2,242	36,876 10 0	..	....
88.....	66,166	24,32,774 10 9	66,166	24,32,774 10 9	..	....
Total....	68,408	24,69,651 4 9	68,408	24,69,651 4 9	..	....

As at the end of the preceding years commencing from 83-84, in which Mr. Ollivant's scheme was first introduced, at the end of the year under report no bills remained to issued at the close of the year.

30. The outstanding balance on account of Property Rates the end of 1886-87, as shown in the last year's report, was 1,03,711-15-2, to which must be added the total demand current and former years, as ascertained in the year under ort, *minus* the remission or drawback above mentioned. us the total revenue for collection in 1887-88 was . 27,86,353-3-11 as against Rs. 27,40,404-4-8 in 1886-87.

31. The following statement shows the details of amount and the progress made in collecting it :—

Name of Union.	To be collected.						Collected			Uncollected.	Decrees of Civil Courts for Rent.						Balance outstanding at the end of 1887-88.		
	Opening Balance outstanding.	Total of Bills issued during 1887-88.	Amount paid by Government and Part-Owners under Rule.	Total.	On account of Tenant's Share.	On account of Landlord's Share.	Total.	On account of 1887-88.	On account of former years.		On account of Current Year.				On account of former years.	Total.	On account of 1887-88.	On account of former years.	Total.
											Bills recovered and collected on account of the Landlord.	Bills remained uncollected on the 31st March 1888.	Total.	On account of 1887-88.					
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Chandina Thana	44,333 3 10	15,97,337 7 11	2,79,950 0 0	18,77,287 7 11	14,84,440 13 9	32,207 0 7	15,16,647 13 6	81,599 0 6	14,35,048 13 0	1,26,49,189 0 6	1,40,125 3 6	101 1 2	1,40,226 4 8	33,141 6 3	1,24,0 0	1,57,367 10 11	32,430 6 10	25,937 6 3	58,367 16 2
Hatiabhor Mauza	16,469 0 0	3,12,378 6 8	.....	3,91,847 6 8	18,025 4 7	3,56,952 1 0	3,74,978 5 7	17,729 1 6	3,57,248 4 1	2,03,29,13 0	3,26,944 7	6,11,183 9 3	9,38,128 0 10	3,266 0 0	9,34,862 0 10	12,73,256 6 11	2,39,316 2 1	28,445 1 11	2,67,761 4 0
Water Mauza ..	42,919 9 4	8,52,045 6 2	.....	8,90,964 16 6	42,944 4 7	6,11,183 9 3	6,54,128 1 10	46,426 1 6	6,07,701 12 4	1,26,49,189 0 6	1,40,125 3 6	101 3 11	1,40,226 7 5	33,141 6 3	1,24,0 0	1,57,367 10 11	32,430 6 10	25,937 6 3	58,367 16 2
Total.....	1,03,711 16 5	24,09,861 4 5	2,79,950 0 0	27,93,523 4 10	33,53,663 2 11	42,207 6 3	34,95,870 8 0	1,40,125 3 6	33,55,745 4 6	1,26,49,189 0 6	1,40,125 3 6	101 1 2	1,40,226 4 8	33,141 6 3	1,24,0 0	1,57,367 10 11	32,430 6 10	25,937 6 3	58,367 16 2

ll be observed that the balance outstanding at the close ear was Rs. 1,22,732-13-8, of which Rs. 46,011-14-2 ince been collected up to 31st August 1888. Of the ler, Rs. 76,720-15-6, Rs. 44,835-6-9 are due by the Railway Company on account of bills disputed by npany and awaiting adjustment out of the deposit of 000 paid by them on account. If to this sum is is. 1,611-15-1 for bills against Government properties, standing balance *now* amounts to Rs. 30,273-9-8.

Wheel Tax.

The opening outstanding balance on account of the tax icles and animals was Rs. 2,332-2-7. The demand year under report was Rs. 1,75,423-7-0, as against 3,921-10-0 in the preceding year, showing a decrease of 98-3-0 in the year under report. The following table s for the decrease :—

For 1886-87. Number at the end of 1886-87.		For 1887-88. Number at the end of 1887-88.		Increase.		Decrease.		Net Decrease in revenue.
	Amount.		Amount.					
4-wheeled Carriages.		4-wheeled Carriages.		4-wheeled Carriages.		4-wheeled Carriages.		
2-wheeled Carriages.	2,767	2-wheeled Carriages.	2,787	2-wheeled Carriages.	20	2-wheeled Carriages.		
Horses.	3,293	Horses.	3,185	Horses.		Horses.	118	
Ponies.	268	Ponies.	278	Ponies.	10	Ponies.		
Labour Carts.	225	Labour Carts.	244	Labour Carts.	19	Labour Carts.		
Native Hackeries.		Native Hackeries.		Native Hackeries.	46	Native Hackeries.		
	Rs. 1,76,921 10 0		Rs. 1,75,423 7 0					Rs. a. p. 1,498 3 0

33. To the amount given above must be added Rs. 863-4-0, ascertained in the year under report to be due for 1886-87. The total number of bills issued during the year for the demand thus arrived at, *viz.*, Rs. 1,76,286-11-0 was 9,938, and the process of recovery was attended with the following results:—

To be Collected.			Collected.			Uncollected.	Deduct Irrecoverable Bills.						Balance outstanding at the end of 1887-88.		
							On account of former years.				On account of 1887-88.	Total.			
Opening Balance outstanding.	Total of Bills issued during 1887-88.	Total to be collected.	On account of former years.	On account of 1887-88.	Total.		Time-barred Bills.	Bills cancelled as erroneous.	Bills recalled and placed on the Irrecoverable Bills File.	Total.			On account of former years.	On account of 1887-88.	Total.
Rs. a. p. 2,332 2 7	Rs. a. p. 1,76,286 11 0	Rs. a. p. 1,85,618 13 7	Rs. a. p. 5,977 1 7	Rs. a. p. 1,72,416 11 0	Rs. a. p. 1,78,393 12 7	Rs. a. p. 7,225 1 0	....	Rs. a. p. 1,570 6 0	Rs. a. p. 824 8 0	Rs. a. p. 2,394 14 0	Rs. a. p. 18 0 0	Rs. a. p. 2,412 14 0	Rs. a. p. 1,823 7 0		

34. It will be seen that the balance outstanding at the c of the year under report was Rs. 4,812-3-0, o Rs. 2,260-14-0 have since been collected up to 31st 1888. To the collections on account of wheel ta above must be added Rs. 1,44,289-4-0 recovered f owners of licensed public conveyances, and Rs. 14 realized from the toll at the Mahim and Sion Causew

Property Rates and Wheel Tax.

35. The following tables show the total asses collections and outstanding balances under these he the year under report as compared with those of the pr four years, during which the new scheme has been w Table II. shows also the cost of such assessments, tions and refunds for each of the years in question :—

Year.	No. of properties.	Gross annual value at the end of the year, including value represented by Government and Port Trust payments.			ASSESSED DEMAND.													REMARKS.
					Property Rates.								Wheel tax, including public conveyances and the toll on the causeways.	Total assessed demand.			
					Consolidated rate, including compounded payments by Government and Port Trust.			Water rate.	Halalkhor rate.	Total of property rates.							
		Valuation chargeable with consolidated rate.	Valuation exempt from consolidated rate under Section 77 of Municipal Act and Section 36 of Port Trust Act.	Total.	Consolidated rate leviable.	Consolidated rate not leviable.	Total.			Leviable.	Not leviable.	Total.		Leviable.	Not leviable.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1883-84 ..	29,867	1,53,03,868	12,05,082	1,65,08,950	11,02,423 10 1	86,765 14 9	11,89,189 8 10	5,63,958 2 0	2,65,989 14 0	19,32,271 10 1	86,765 14 9	20,19,037 8 10	2,67,648 10 0	21,99,920 4 1	86,765 14 9	22,86,686 2 10	
1884-85 ..	36,093	1,68,34,050	16,11,649	1,84,45,699	12,12,621 15 11	1,16,038 12 10	13,28,660 11 9	5,51,954 1 7	2,77,316 15 7	20,41,893 1 1	1,16,038 12 10	21,57,931 13 11	3,01,872 5 0	23,43,765 6 1	1,16,038 12 10	24,59,804 2 11	
1885-86 ..	47,802	1,81,43,384	18,81,839	2,00,25,223	13,07,155 1 11	1,35,492 7 8	14,42,647 9 7	6,48,404 10 11	3,01,667 4 2	22,57,227 1 0	1,35,492 7 8	23,92,719 8 8	3,30,287 12 0	26,87,511 13 0	1,35,492 7 8	27,23,007 4 8	
1886-87 ..	48,780	1,86,59,008	29,68,222	2,16,27,230	14,70,249 9 9	2,33,376 8 11	17,03,626 2 8	7,76,334 4 9	3,25,980 1 6	25,66,664 0 0	2,33,376 8 11	27,99,040 8 11	3,20,602 12 0	28,87,106 12 0	2,33,376 8 11	31,20,543 4 11	
1887-88 ..	49,313	2,00,24,486	27,67,860	2,27,92,346	14,42,603 12 1	1,97,948 12 8	16,40,552 8 9	8,39,505 3 10	3,65,913 10 8	26,48,022 10 7	1,97,948 12 8	28,45,971 7 3	3,34,046 3 0	29,82,068 13 7	1,97,948 12 8	31,80,017 10 3	

N.B.—In 1886-87 the Consolidated Rate was charged at Rs. 8¾ per cent. In the other years, the rate was Rs. 8 per cent.

II.—Total Demands, Collections and Balances on account of Property, Rates and Wheel Tax with the cost of Assessment, Collection and Refunds.

Years.	Amount to be collected.			Time-barred, Irrecoverable and Erroneous Bills.	Collections.	Outstanding Balance.	Percentage of the Cost of Assessment, Collection and Refunds (including the salary of the Special Assistant to the Municipal Commissioner) on the actual collections paid into the Municipal Treasury.	
	Opening outstanding balance.	Demand assessed for the year and for former years during the year.	Total.					
1	2	3	4	5	6	7	8	9
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
1883-84	2,39,136 7 1	22,01,628 1 2	24,40,764 8 3	17,896 4 4	20,34,428 7 6	3,88,439 12 5	4·47	
1884-85	3,88,439 12 5	23,44,516 6 3	27,32,956 2 8	15,637 12 7	24,37,392 7 11	2,79,925 14 2	4·14	
1885-86	2,79,925 14 2	25,94,251 15 8	28,74,177 13 10	11,396 3 7	27,51,776 14 8	1,11,004 11 7	4·08	
1886-87	1,11,004 11 7	29,24,492 3 9	30,72,334 15 5	36,734 8 2	29,22,556 5 6	1,13,044 1 9	3·9	
1887-88	1,13,044 1 9	30,17,550 11 9	31,30,594 13 6	25,843 3 10	29,77,206 9 0	1,27,545 0 8	3·9	

Miscellaneous Revenue.

36. The receipts from notice and other process and inspection fees amounted in the year under report to Rs. 6,374-0-10 against Rs. 6,668-5-0 in 1886-87. Rs. 3,886-9-6 were collected on account of the hire of water meters against Rs. 3,720-9-4 in the preceding year.

Tax on Fire Insurance Companies.

37. The collections under this head amounted to Rs. 37,856-8-0 (including Rs. 4,230-8-0 on account of former years) against Rs. 29,776 in the preceding year.

Refunds.

38. The total of refunds allowed under Section 82 of the Municipal Act and on account of over-collections under all heads amounts to Rs. 10,333-7-9, the details of which are given in the subjoined table :—

Rates, &c.	1st quarter, 1883.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
ated	....	88 15 9	74 8 10	343 6 1	3,329 4 11	1,304 13 3	5,041 0 10
.. .. ..	....	....	56 3 8	164 1 11	1,250 7 9	1,593 6 2	3,064 3 6
or..	3 0 0	75 6 2	85 5 1	402 1 7	1,199 0 10	412 6 2	2,177 13 5
ax	....	....	....	....	20 6 0	5 0 0	25 6 0
'ees	....	0 8 0	0 8 0	2 8 0	2 0 0	0 8 0	6 0 0
Fees	....	....	....	....	1 8 0	....	1 8 0
ieous Meter Hire	....	....	....	....	....	13 0 0	13 0 0
	....	....	....	....	....	4 8 0	4 8 0
Total..	3 0 0	164 13 11	216 9 7	912 1 7	5,703 5 1	3,333 9 7	10,333 7 9

Appeals.

. There were 18 appeals to the Chief Presidency Magis- under Sections 127 and 128 of the Municipal Act ; of these re dismissed, 8 allowed, and 8 were settled by consent.

Town Duty.

). Full particulars as to the income derived from Town , and the refunds granted therefrom under Section 120 of Iunicipal Act, will be found in the following table, which, ll be observed, shows a net increase of Rs. 3,433-10-1 in net revenue :—

Statement contrasting the Collections, Refunds, and Net Revenue from Town Duties for the years 1886-87 and 1887-88.

Name of Article.	COLLECTIONS.						REFUNDS.						NET REVENUE.			
	1886-87.		1887-88.		Increase in 1887-88.	Decrease in 1887-88.	1886-87.		1887-88.		Increase in 1887-88.	Decrease in 1887-88.	1886-87.	1887-88.	Increase in 1887-88.	Decrease in 1887-88.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Grain, @ As. 4 per candy	4,42,468 15 0		....				4,23,221 1 0		....							
Do. " " 5 "	3,65,799 0 9	8,08,267 15 9	7,49,813 13 5	7,49,813 13 5	....	58,454 2 4	1,78,717 15 0	6,01,939 0 0	5,34,281 5 0	5,34,281 5 0	....	67,657 11	2,06,328 15 9	2,15,532 8 5	9,203 8 8	....
Sugar, @ 1½ per cent. on Value..	1,27,038 9 0		....				1,02,692 6 0		....							
Do. " As. 7 per cwt.	3,36,710 4 0	4,64,348 13 6	5,95,739 3 0	5,95,739 3 0	1,31,390 5 6	....	2,00,395 14 0	3,03,088 4 0	3,95,154 1 0	3,95,154 1 0	90,065 13 0	....	1,61,260 9 6	2,02,585 2 0	41,324 8 6	....
Wines and Spirits, @ As. 4 per Impl. Gallon	....	2,26,415 10 0	....	2,17,192 6 0	....	9,223 4 0	....	22,244 1 0	....	22,006 2 0	....	237 14	2,04,171 9 0	1,95,186 3 0	....	8,985 6 0
Beer, @ 6 pies per Impl. Gallon..	....	10,303 7 0	....	11,308 13 0	1,005 6 0	....	....	1,486 11 0	....	1,829 4 0	342 9 0	....	8,816 12 0	9,479 9 0	662 13 0	....
Ghee, @ 6 As. per B'bay Maund.	....						95 2 0		....							
Do. " 10 " " " ..	1,90,341 13 0	1,90,341 13 0	2,18,826 15 6	2,18,826 15 6	28,485 2 6	....	10,483 14 0	10,570 0 0	17,099 14 0	17,099 14 0	6,520 14 0	....	1,79,762 13 0	2,01,727 1 6	21,964 4 6	....
Timber, @ 2½ per cent. on Market Value	....	1,19,369 8 0	....	1,31,042 7 11	11,673 15 5	....	....	13,338 12 0	....	19,028 4 0	5,689 8 0	....	1,06,029 12 6	1,12,014 3 11	5,984 7 6	....
Firewood, @ 2 As. per candy....	....	68,830 2 0	....	76,149 14 3	7,319 12 3	....	....	....	....	....	....	....	68,830 2 0	76,149 14 3	7,319 12 3	....
Kerosine Oil, @ 6 pies per Impl. Gallon	....	1,03,159 9 9	....	1,06,733 2 6	3,573 8 9	....	....	29,451 12 0	....	1,07,065 11 0	77,613 15 0	....	73,707 13 9	*Nil.*	....	74,040 6 3
					1,83,448 2 5	67,677 6 4					1,80,232 11 0	67,895 9		10,12,674 10 1	86,459 6 4	83,025 12 3
			[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		Deduct Refunds paid on Kerosine Oil in excess of Collections ..	332 6 6	83,025 12 3	

V.—Public Works.

WATER WORKS.

41. As anticipated in my Administration Report for the last year, para. 36, fair progress was made by Messrs. Walsh, Lovett, Mitchell & Co. on the duct contract, though the work has not advanced so far as to come up to the estimate of this year's outturn.

Tansa.

During the year, however, one of the partners, Mr. Lovett, came out from England, and by various changes and improvements of organization the firm showed a sincere desire to carry on the work efficiently and expeditiously, and I expect a decidedly better rate of work in future as the result of his re-organization. Time was, undoubtedly, lost at first by faulty arrangements; but there is every reason to hope that the contractors are now in a fair way to push on the work.

This year a very large quantity of excavation for the duct was done, and the masonry work was in progress in different places. One set of compressed air machinery was working during the year at one of the tunnels, and four more were being put up at the close of the year. During the next working season there will thus be five sets at work.

[redacted]uring the year only a small proportion, *viz.*, 1,750 feet, of the total quantity of the tunnel excavation to [redacted]ne was finished; yet the progress made during the first [redacted] cannot be taken as a measure of the probable progress [redacted]ture.

[redacted]e earthwork on the syphon sections has made very [redacted] progress. About 400 cylinders for the Bassein Creek [redacted]es (out of a total of 500) were delivered on the works, [redacted]he work of erecting them on the three bridges was in [redacted]ress. It is expected that the bridges will be entirely [redacted]ed by about March 1890.

[redacted]. With reference to the Tansa Dam works, I stated in last year's Administration Report that "though the [redacted]nry work done during the year is less than what was [redacted]cted owing to the confined position in the river-bed, yet [redacted]y large quantity of excavation for foundations has been [redacted] which will admit of greater progress being made with

the masonry in next year." I am glad to say now that the outturn of work increased month by month, so that by the end of the year, Mr. Clerke, the Executive Engineer, had no fault to find with the rate of progress. The masonry work done during the year was 15,41,021 cubic feet, which added to the work done previously—5,92,662 cubic feet—gives a total outturn of 21,33,683 cubic feet. Excavations for foundations were in progress along the whole length of the dam line, and in certain places these had to be carried to a much greater depth than was estimated on the information derived from the trial-pits; the levels of sound rock sufficiently free from faults or fissures, to be suitable for founding upon, being most capricious and irregular. This extra work will cause an excess on the estimate in the items of excavation for foundations and masonry; and, on reference to para. 20 of the Report on this project, it will be seen that this contingency was not lost sight of. The officers' bungalow at Tansa was completed during the year.

The rainfall of the year, gauged at the site of the dam, was 106·28 inches. The average of the last three years, as gauged in the Tansa Valley, is 109·99 inches, and the average of the last nine years, based on a comparison with Kasa[redacted] the foot of the ghats, is 113 inches. When the report o[redacted] present project was prepared, the average rainfall in the v[redacted] was taken at only 100 inches, and the result of actual obs[redacted] tion shows that the estimate is well within the mark.

43. 20,000 tons of pipes have been delivered on [redacted] works, and 25,000 tons have been tested and passe[redacted] home by our Testing Officer up to the end of the year. [redacted] portion of the 27″ pipes for the Arthur Road main has [redacted] been supplied.

44. Satisfactory progress has been made in the acquis[redacted] of land for the lake and the duct line, but as the works appr[redacted] the Island of Bombay, some of the land-owners demand [redacted] high rates, based on the recent rise in the price of lan[redacted] Bombay, that Mr. Clerke believes that the amount prov[redacted] in the estimate for the land compensation will not be [redacted] cient.

45. Though the works were free from any serious outbreak of epidemic up to the end of March 1888, yet there has been a great deal of sickness. The whole of the district in which the works are situated is undoubtedly unhealthy, fever prevailing especially in the early part of the fair season, and this interferes to a very considerable extent with the progress of the work. I quite agree with Mr. Clerke in thinking that the Municipal staff, which has suffered severely, is too small to maintain efficient supervision, owing to the constant prostration of the members from fever, and in future a larger staff must be provided.

Vehar and Tulsi.

46. The monsoon of 1887 was a very favourable one, the rainfall in July being unusually heavy. The Tulsi Lake overflowed on the 25th July 1887, and the Vehar Lake commenced to overflow on the 8th August. This early overflow was chiefly due to the unusually heavy rain in the week ending 9th July 1887, 27·89 inches being gauged at Vehar and 25·43 at Tulsi.

47. The work of replacing the puddle trench in the waste weir at Vehar by concrete, and repitching dam No. 2 [illegible] extending the puddle trench in that dam were commenced at the close of the year, and they will therefore be referred to in the next year's report.

[illegible]. The leakage which rendered these repairs necessary computed as follows:—

Leakage from Waste Weir	12,50,000 Galls.
„ „ Dam No. 2.....	2,00,000 „
Total daily loss...	14,50,000 Galls.

9. The filter beds at Vehar, which were completed in 6, were at work throughout the year, and give satisfactory lts so far as their capacity extended. They are, however, designed to be capable of efficiently dealing with about quarter of the water which is now drawn through the 24" ar main. It will thus be seen that the extension ese filter beds is necessary, if the water delivered by that (which chiefly supplies the northern parts of the island) be supplied free from impurities.

50. The sluice house at Kurla on the 32″ Vehar main was rebuilt during the year to permit of the sluice valve being removed without pulling down the building as was previously the case.

51. To prevent accidents to visitors, wire fencing was put up round the edge of the cliff at the Bhandarwâda Reservoir.

52. The raising of the sluice house over the inlet main at Bhandarwada, in order to provide quarters for the Inspector, as also the construction of a chawl for the workmen employed on the filters at Vehar, were undertaken at the end of the year, and will therefore be referred to in the next annual report.

Malabar Hill Roofing Works.

53. The roofing of the distribution basin was completed, and the water turned into it on the 20th June 1887, and the basin has been in use since that time. It was, however, since emptied on two occasions, once to fix an iron staircase and again to allow of an alteration of the syphon pipe at the south end of the reservoir. This alteration was undertaken to allow of the [illegible] working by gravitation. The earthen embankment betw[illegible] the reservoir and the road on the east was also almost c[illegible] pleted. The cost of the works up to date was Rs. 3,60,[illegible] Some minor works are in progress.

54. There were bursts on the Tulsi 24″ main at [illegible] places during the year. The bonnet of the sluice valv[illegible] Haines Road burst on the 25th February 1888, and un[illegible] tunately stopped the Races on that day.

55. Very serious inconvenience was caused by a landsl[illegible] on the Gibbs Road near the entrance to the Towers [illegible] Silence on the 5th July 1887. This landslip was due [illegible] extensive excavations in the hill side, immediately bel[illegible] Gibbs Road opposite the Towers of Silence, belonging t[illegible] private owner. This gentleman was warned of the danger [illegible] the Executive Engineer some months before the disas[illegible] There had been heavy rain for the three days previous to [illegible] accident. On the 5th July, about 6-15 a.m., the land[illegible]

occurred and carried with it a portion of the Gibbs Road, containing the 24″ Tulsi main and the Gibbs Road 9″ main. Work was immediately commenced, and the repair of the 24″ main was completed on the night of the 8th and of the 9″ main on the 9th. I was very favourably impressed with the activity of the Engineering Department in the repair of this landslip. Work was not only started at once, but carried on by relays night and day. The work was completed at a cost of Rs. 5,268. A permanent retaining wall will be built after the rains.

56. The rain falling almost continuously during the period diminished the demand for water, and the quantity of water in the storage basin at Malabar Hill was just sufficient to prevent a famine, the Reservoir having been completely emptied before the water was turned on.

57. The claim of the Municipality against the owner of the land was eventually settled, with the concurrence of the Town Council, by the owner paying Rs. 3,500 towards the expenses incurred, to avoid the costs of litigation.

. A portion of the 24″ main embankment between ar and Bandra had also to be repaired at a cost of ,185-12-11.

. Owing to the rapid expansion of the city, the laying of new mains in different localities has been necessary, and over 12 miles of new mains laid down during the year. Of these, the most important an 18″ main from the 48″ outlet main from the Bhandar- Reservoir to Frere Road where the demand for water f late years very greatly increased on account of the truction of the Docks and the erection of new buildings. new main will enable either Vehar or Tulsi water to be lied to the Docks. A portion of the work was completed e close of the year allowing Vehar water to be turned the old 9″ main.

ng of Mains.

Pending the arrival of the Tansa water, it was found to lay a 27″ main from the 24″ main on Parel Road Chawki Road, Arthur Road and Tardeo Road to

Gowalia Tank Road, there connecting with the existing 32″ Vehar and 26″ Tulsi mains. This 27″ main forms part of the Tansa Project, being the branch from the Tansa 48″ main to the Malabar Hill Reservoir. The work of laying was in progress at the end of the year. The object of laying this 27″ main in advance of the arrival of Tansa water is to allow of the delivering capacity of the Vehar 24″ main being utilized to the fullest possible extent.

61. On the 11th August 1887, twenty-four additional Inspectors were sanctioned for the detection of waste of water, and the work done by the staff has again shewn very satisfactory results. The work done up to December 1887 formed the subject of a separate report which has since been submitted to the Town Council. The saving of water in 1887 was 17,43,492 gallons daily which, added to the 5,38,037 gallons per day saved in 1886, gives a total saving of 22,82,529 gallons per day. The greater part of this saving has been effected by the detection and repair of a large number of leaks from mains, service pipes and fittings. But for the water saved by these operations, it would have been impossible to supply the very rapidly increasing demand.

62. The net increase, after deducting 268 disconnect from the number of new connections during the year, was against 417 in 1886-87, an increase of 3·4 per cent. ag 2·7 per cent., the average of the ten preceding years. T large annual increases in the number of connections, cou with an increased demand in many of the old connecti necessarily increased the difficulty of satisfying the want the city; and until the Tansa Water is available about No ber 1891, I anticipate very serious inconvenience. Ind I fear, the question of limiting the supply for all purp except domestic consumption, may have to be seriously c sidered in order that the present supply may be made suffice for the wants of the growing population in the few years before the arrival of Tansa water.

63. Rs. 5,720 were sanctioned on 18th May 1887 filling in a small portion of the storm-w reservoir so as to form one straight li bank between the eastern wing wall and the em over the main sewer, to do away with a back wa

Surface Drainage Works.

scum collected. The whole of the work, except the pitching of a portion of the bank, has been completed. The great advantages of the scheme of this reservoir have been amply demonstrated by the experience of the past two years.

Queen's Road and Girgam Pipe Sewers and House Connections for Sullage Water.

64. A grant of Rs. 11,14,929 was sanctioned by the Corporation on the 25th July 1887, and the tender of Messrs. Bulkley & Co. was accepted by the Town Council for the work on 22nd February 1888, but owing to necessary discussions of details it was not executed during the year. All arrangements are, however, now complete, and the work will be started after the rainy season is over.

65. The question of sewer ventilation formed the subject of much correspondence and discussion between the Superintending Engineer, N.D., the Sanitary Commissioner, the Executive Engineer, Municipality, and myself, and the relative efficiency of surface and shaft ventilation, as applied to sewers in Bombay, has been the principal point of discussion. To settle this vexed question, it has been decided to undertake experiments and observations on the relative effects of different systems of ventilation upon the air of the sewers, and the results of these experiments will be embodied in a future report.

66. Ventilation of some kind is, of course, an urgent necessity in all sewers ; but the choice of the best method is a matter of difficulty, some of the largest cities in Europe having adopted surface ventilation and some shaft ventila-

67. Nearly all the house connection work in the district of Khetvadi has been completed, and happily within the estimated rates, though the total grant was exceeded owing to the erection of new houses since the estimates were prepared.

Old Sewer from Crawford Market to the Mint.

68. The whole of this sewer has been completed and finally cleaned and passed. The only work now remaining to be done is the erection of 16 ventilating shafts, sites for which are being selected.

69. The contractors for these works declined to accept the award made by Mr. Forde, the late Consulting Engineer, and proposed that Mr. Clerke, Executive Engineer, Tansa Works, should be appointed arbitrator to adjudicate in the matter. This proposal was accepted by me with the concurrence of the Town Council. The accounts will be finally closed as soon as the arbitrator has heard the case and made his award.

Pipe sewers and House Branches in the Agripada District.

70. The Corporation sanctioned, on 1st December 1887, Rs. 3,820 for a survey of the house connections in the Agripada District. The survey work is in progress, and will be finished in the year 1888-89.

71. The whole of the trunk pipe sewers, aggregating 9·49 miles in length, were laid and connected with the new ovoid sewer at its head near the Town Hall. The works remaining to be done consist of th ventilating shafts and the pipe drains or house branches these are in progress. Until the latter work is done sanitary condition of the Fort cannot be improved. U tunately the contractors did not work as well in this y during 1886-87, and legal notice under the contract w several occasions issued to compel them to proceed greater energy.

The Fort Pipe Sewers.

72. As promised in para. 57 of the Administration R for 1886-87, I applied to the Town Council in Dece 1887 for a grant of Rs. 11,700 for commencing the sur and plans of pipe sewers and ovoid sewers in Umark Bhuleshwar, Kharatalao, Tarvadi, Mazagon, Byculla, Chi pokli and Parel Districts, but as the expenditure was at vetoed by the Corporation though subsequently passed on bringing the matter forward a second time, the result of surveys will be reviewed next year. These sewers are urgently required. I earnestly hope that the scheme ma passed as soon as the estimates are ready. The conditio some parts of these sections is perfectly frightful, sew simply soaking into the ground for want of an outlet.

73. The Beehive incinerator sanctioned in November 1 was completed in August 1887, but a result of the working at first was not

Disposal of Garbage.

factory, several minor alterations were effected in December, and the subsequent results were favourable. Details of kachra destroyed will be found in para. 95.

Roads and Buildings.

74. The following table represents the increase in the number of buildings passed by the Building Department for the last five years :—

1883-84	607
1884-85	763
1885-86	823
1886-87	983
1887-88	1,122

It will thus be seen that the number of buildings commenced in the year was greater by nearly 50 per cent. than in 1883-84. It is a question whether building is not being overdone, and a temporary re-action may, perhaps, be looked for a few years hence.

75. During the year two new roads were finished, of which one named Sankli Street, starting from the junction of Clare and Parel Roads, connects Ripon Road with Haines Road. It is 1,530 feet long and 40 feet wide. The other is a low level road, 340 feet long by 20 feet wide, on the north-east side of Bellasis Bridge. A portion of the Nepean Sea Road also improved by widening to 40 feet and by reclaiming tion of the foreshore.

[redacted]h Department. Stables, Bori[redacted]r.

As the former stables were in a dilapidated state and gave insufficient accommodation, the Corporation, on Mr. Ollivant's advice, sanctioned Rs. 50,000 for new buildings. The work et by contract on 25th September 1885, and completed e 10th December 1886 at a cost of Rs. 32,473, leaving ing of Rs. 10,644. Out of this saving, additional works rising the construction of office and store-rooms were ioned in December 1887. The work was commenced on December 1887, and practically completed within the The flooring of the stable yard still requires attention, some form of pavement or other substantial flooring must ovided.

. The design of the Jacob Fountain, referred to in 60 of the Administration Report of the last year, was ved by the Corporation in October 1886. The work was enced in December 1886 at the cost of Colonel Jacob,

and completed on 16th January 1888. The fountain is a very handsome addition to the ornaments of the city, being constructed of marble carved in Jeypore.

Small-pox Hospital, Arthur Road.

78. The Corporation voted the sum of Rs. 39,636 in February 1887 for the construction of a Small-pox Hospital, with outhouses, and the work was commenced in October 1887, the greater part having been completed during the year. The cost of work done to the end of the year was Rs. 22,953. The compound being low-lying ground will eventually have to be filled in.

Fire Brigade Station, Gamdevi.

79. Considerable difficulty was felt in selecting a site for the Fire Brigade station in the Tardeo District; but a spot was finally chosen in the compound of the Ward Office at Gowalia Tank Road. The work, which was let by contract, was commenced in November 1887, and will be completed in 1888-89, most of it being finished already.

Landslip at Walkeshwar.

80. A landslip at Walkeshwar Road occurred on the 6th July 1887, when a portion of the road settled down opposite the water-tanks near Chaupati, owing to the combined action of the sea and the rain water from the hill. To overcome the sinkage which happened annually during the rains for some years past, a [redacted] of Rs. 6,027 was obtained on 20th October 1887, a [redacted] retaining wall and a culvert were constructed. The [redacted] was commenced in November 1887, and completed d[redacted] the year within the amount sanctioned.

81. As mentioned in para. 43 of the Administratio[redacted] port of 1885-86, the work of constructing the Nesbit (Ollivant) Bridge at the expense of the Municip[redacted]ity w[redacted] by contract, and completed by the Railway Compa[redacted]y in [redacted] 1887. It was opened for traffic on 20th September 1[redacted] The amount sanctioned was Rs. 2,15,000, out of whic[redacted] expenditure sanctioned, or known up to date, is Rs. 1,81,[redacted] a few claims remaining still unsettled, owing to disputes [redacted] the value of buildings and land.

Workshops.

82. As it was brought to my notice that the Iron Fou[redacted] Department of the Workshops had [redacted] working at a loss for some years, I orde[redacted] to be closed, and this was carried out from 1st September [redacted]

The necessary castings have since then been obtained by contract in the open market, with favourable results financially, though some difficulty has been experienced in getting special castings as required for particular purposes.

The Workshops account this year shows a profit of Rs. 13,416-6-10 on work (including balance of last year's account) amounting to Rs. 1,47,889-5-0. The private firms who undertake all classes of work have so much increased in efficiency of late years that I am inclined to think that after a few years the Municipal Workshops might be abolished entirely, Municipal work of the kind now done at the Workshops being let by contract to private firms at fixed rates in the same way as petty repairs are now arranged for. The money saving might not be great, but the diminution of friction and the saving in labour in correspondence and accounts would be very considerable, both to the Engineer and to the Controller.

83. In addition to the usual amount of lighting, 16 gas and 23 kerosine lamps were put up during the year under report. Much yet remains to be done before the city can be considered sufficiently lighted.

[redacted]amway.

84. There was no extension of the Tramway during the year.

[redacted]rdens.

The Municipal Gardens have continued to be extensively visited by the public. In the Victoria Garden many improvements have been carried [redacted]mongst which may be mentioned a new pond, mounds [redacted]d with shrubs in the eastern side of the garden, colour[redacted]ds interspected by footpaths formed around the large [redacted], the [redacted]r being a great improvement to the appearance [redacted] fou[redacted]n. Various other minor improvements have [redacted] carried out in the way of planting portions of the garhitherto left untended. The year's work has decidedly [redacted]oved the appearance of the garden, and considerable [redacted]ical additions have been made. The condition of the [redacted]als, however, is not at all satisfactory. It is evident we do not possess a staff with the requisite knowledge [redacted]aintain a healthy collection of animals.

During the year under review, 1,321 summonses were for offences against the building and street sections of

the Act. In 961 of these, the parties complied with the requirements of the Municipality before the service of summonses. In one case the summons was dismissed, and 293 persons were warned and discharged, having in the meantime complied with the requirements of the law. In the remaining 66 cases fines, aggregating Rs. 212-3-2, were inflicted.

87. In my opinion, it is a matter of great urgency to work the powers given to clear the streets of obstructions, for, as mentioned in last report, shopkeepers and others take immediate advantage of any laxity to project boards and stalls, sometimes as much as 4 feet over the roadway; and this, in a narrow street, means extreme inconvenience to the public.

VI.—Public Health.

88. The public health during the year under report was generally speaking good. The total number of deaths from all causes amounted to 20,513 against 20,074 in the preceding year. The death-rate was 23·25 per 1,000 allowing for increase of population. The rate for the preceding year was 23·26. There was a reduced mortality, as compared with the previous year, from measles, fevers, diseases of the nervous system and deaths from accidents. The year 1886 was remarkable for h[illegible] registered the smallest number of deaths from cholera [illegible] small-pox on record, *viz.*, cholera 19, small-pox 19. In [illegible] the number of deaths from cholera was 269, or [illegible]a death of ·31 per 1,000 of population, and the deaths from s[illegible] pox were 108, or a death-rate of ·12 per 1,000 [illegible] popul[illegible] The annual increment in both cases is cal[illegible]lated. highest mortality from cholera occurred in the [illegible]halakl[illegible] and Esplanade sections.

The six sections of highest mortality w[illegible] Maha[illegible] shmi, Esplanade, Sewri, Dhobi Talao, Warl[illegible] Tar[illegible] The high mortality in Mahalakhshmi and the Espla[illegible] sections is due to exceptional causes. In the Esplanade sec[illegible] are collected hundreds of scavengers and their families [illegible] in Mahalakhshmi the temple and places of rest c[illegible] wandering pilgrims.

The population of both sections is small, and the d[illegible] rate easily disturbed.

The highest mortality from small-pox occurred in C[illegible]

the next highest mortality being in Parel. The communities most afflicted by this disease were the Jains and the Hindus other than high caste.

The Health Officer considers that adult vaccination and re-vaccination require greater attention, and supports this view by the statement that during 1887 only 222 persons over six years of age were vaccinated. The primary vaccinations amounted to 17,063.

A reduction of fever mortality is observed in most of the sections in which main sewer lines have recently been laid. It is satisfactory to note that the introduction of the new drainage system has not been accompanied by the mortality which its opponents anticipated, and that on the contrary its general results, so far as already observed, are decidedly beneficial.

The want of sewerage in certain localities is much felt. The Health Officer in his report invites attention to the fearful nuisance caused through want of drainage at Ghorapdeo—to quote his own words, "were it not for the overflow and escape of sewage to the sea, Ghorapdeo, now thickly populated by mill-workers, would cease to be habitable."

The general distribution of mortality on localities has been nearly the same as in 1886. In twenty-one sections the mortality is above the average of the whole city, and in eleven below. A reduction of mortality since last year has occurred in the following sections :—Upper Colaba, (Southern), Umarkhari, Dongri, Bhuleshwar, Kumbhar- Girgam, Walkeshwar, Tarwadi and Mahim. The unhealthy section of the whole city is, as reported last 2nd Nagpada with its death-rate of 41·76 per 1,000. ense population of 469 to the acre and entire absence per drainage account for this.

Births and Deaths.

The number of births registered (exclusive of still-born children) was 15,429, an increase of 520 over 1886 ; the number of deaths similarly calculated was 20,513, whilst in the two previous years the numbers were as under :—

	Births.	Deaths.
1885	14,964	21,850
1886	14,909	20,074

The proportion of birth and death registered to population is given as 19·95 per 1,000 and 26·53 per 1,000 respectively, on the census population of 1881. If allowance be made for the usual increase of population, the figures should be, births per 1,000, 17·49 ; deaths per 1,000, 23·25.

Registration.

90. There is an improvement in the return of births registered amongst certain classes of Hindus amounting to 495.

With a view to offer more direct inducements to register births, the Town Council on March 14th 1888 sanctioned the proposal made by the Health Officer to pay the Registration Karkuns annas 3 per birth reported, instead of by a fixed salary. The effect of this will be noted in next report.

The difficulty of discovering births rests primarily on the habits and prejudices of many of the people, and improvement can only be gradual.

The following table shows the recorded death and birth rate among various sections of the community :—

Castes.	Death-rate.	Birth-rate.
Hindus, higher castes	24·18	8·61
Parsis	20·47	7·05
Musalmans	31·74	21·20
Hindus, low-caste	31·34	
Europeans	17·22	

Vaccination.

91. The following table shews the number of pe primarily vaccinated, as compared wit two preceding years, the number of pe under one year primarily vaccinated, and also the nu of persons re-vaccinated :—

	No. of Persons primarily vaccinated.	Primary Vaccination under one year. No. of Persons.	Successful operations.	Re-vaccinat
1885.....	16,697	14,226	13,746	86
1886.....	16,468	13,640	13,258	1,12
1887.....	17,063	13,866	13,949	83

A correspondence was carried on during the year with the Sanitary Commissioner with a view to amalgamate the Registration of Births with the Vaccination Department, but without result; and since the close of the year Government have negatived the proposal.

92. The following table shows the receipts and expenditure of the Health Department under the main heads of account:—

Receipts and Expenditure of the Health Department.

INCOME.

	Rs.	a.	p.
Halalkhor cess	3,72,257	11	0
Milch-cattle stables	15,132	9	6
Mahalakshmi Dhobiwada	11,920	8	0
Rent of chawls, &c.	12,877	10	0
Supplying copies of office records	105	12	0
Cleansing privies and opening cesspools	118	11	6
Rent of sweeping-ground at Kurla, Sion and Tardeo Flats, &c.	26,537	8	0
Sale of manure, cowdung cakes, waste-paper, &c.	1,148	8	9
Miscellaneous and license fees	47,538	6	5
Miscellaneous fines	4,641	4	3
Total...Rs.	4,92,278	9	5

EXPENDITURE.

	Rs.	a.	p.
General supervision	37,733	4	10
Conservancy	8,53,439	10	4
Cemeteries	4,176	12	2
Registration of births and deaths	21,338	8	10
Vaccination	17,573	6	5
Laboratory	222	4	3
Mahalakshmi Dhobiwada	17,577	1	9
Milch-cattle stables	11,332	14	10
Licenses	3,424	8	8
Tank conservancy	4,681	2	11
Total...Rs.	9,71,499	11	0

The expenditure was more by Rs. 56,943-1-6 than previous year, the excess being principally due to the

increase in the grant for the conservancy of the city, owing chiefly to the extension of Halalkhor service to the Port Trust Section of B Ward and to the various spinning and weaving mills.

The income was more by Rs. 52,284-12-8 than in the previous year, the increase being due to increased valuation yielding an increased Halalkhor cess, *minus* decrease in miscellaneous items.

94. On an average 3,892 men and women and 605 scavengering and drain carts and 150 night-soil and cesspool carts were at work each day.

The collection of garbage or katchra was greater than in the previous year by 371 tons a day; 282,200 tons of garbage were collected and disposed of during the year against 147,056 tons in 1886, the number of cart-loads collected being from 1,500 to 1,700 daily.

211 miles of covered drains were opened and cleaned against 198 in 1886.

95. In my last annual report I pointed out that the question of the disposal of Town sweepings was becoming daily a matter for anxiety. A proposal has since been sanctioned for the acquisition of the last remaining piece of available land on the Flats measuring about one lakh of square yards. When this ground is acquired, the deposit of sweepings on the Flats will continue for a few years more; meanwhile final decision must be arrived at as to the measures to be adopted in future, as it is imperative that the new scheme, whatever it may be, should be sanctioned and the necessary arrangements made, in ample time before the available ground on the Flats is exhausted.

The katchra-burning experiments alluded to in last [illegible] have been carried out during the year, and have to my mind established the fact that though in the fair season dry katchra can easily be burned at an expense of about 1 anna per cart-load in the "Beehive" Destructor, yet heavy wet katchra is practically incombustible at any reasonable cost [illegible] in the fair season, and in the rains all katchra is [illegible]

less incombustible. In the early months of the trial of the "Beehive" Destructor towards the end of the rains of 1887 and beginning of the cold weather, the cost varied from Re. 1-5-4 per cart-load to 3½ annas, and the number of carts consumed varied from 65 to 85 per diem, working night and day. In the dry months the daily destruction varied from 110 cart-loads in January to 140 in May, and the cost of destruction fell to 1 anna per cart-load, but after various attempts the consumption of heavy wet katchra was given up as being practically impossible. From these experiments I deduce—

(1.) That we cannot dispose of heavy wet katchra by burning at any time;

(2.) That in the rains even the lighter kinds of katchra cannot be burned at a profitable rate (except of course during breaks of fine weather);

and fro[illegible]eneral observation and complaints received, I am of opin[illegible] that the nuisance caused by the very pungent smell of [illegible]urning katchra would in any case prevent the possibili[illegible]of erecting a sufficient number of incinerators in convenie[illegible] places to destroy all the katchra of the city, and further t[illegible]e very considerable residue of ashes and incombustible sul[illegible]tances such as tin-pots, broken tiles, &c., amounting generall[illegible] to about 10 per cent., would have in any case to be c[illegible]rted away. Taking everything into consideration, therefore, I consider that the only practicable course is to return to the former system of sending the katchra out to K[illegible]where the ground reclaimed before 1878 is now in an annual rental of over Rs. 200 per acre. correspondence with the G. I. P. Railway Company e rates for which they would carry the katchra, n remains to be settled as to construction of wagons r matters.

me I consider ground should be taken up for the e depôts and sidings before the price of land rises

The total revenue from the Markets and Slaughter-houses was Rs. 3,04,516-8-10 against Rs. 2,93,375-11-2 for 1886-87. The increase of 0-13-8 is principally due to improved returns from se, Slaughter and Fair Ground Fees.

A statement is appended, showing the gross earnings and expenditure of the Slaughter-houses and of the several Municipal Markets, including the interest on capital:—

Markets.	Gross Earnings for 1887-88.	Capital Expenditure.	Interest on Capital.	Working Expenses and Repairs, 1887-88.	Total Annual Expenses and Repairs, 1887-88.	Balance out of Gross Earnings after deducting last column.		Percentage of Profit after deducting Interest and Working Expenses.	Percentage of Loss after deducting Interest and Working Expenses.
						Profit.	Loss.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Arthur Crawford Markets.	76,369	11,39,411	68,364, 6%	30,610	98,974	.....	22,605	.....	Nearly 2%
Slaughter-houses	*1,63,186	2,34,297	14,058, 6%	†70,087	†84,145	79,041	.....	About 33⅓	.....
						79,041			
						22,605			
Total...Rs.	2,39,555	13,73,708	82,422	1,00,697	1,83,119	56,436	22,605	About 4·16	.....
Erskine Road Market	45,501	1,50,770	9,046, 6%	8,333	17,379	28,122	.....	18·65	.....
Fort Market	7,304	22,067	1,324, 6%	6,251	7,575	.....	271	.....	1·22
Bhuleshwar Market	6,690	64,781	3,887, 6%	1,544	5,431	1,259	.....	1·96	.....
Pedder Market	2,624	40,000	2,400, 6%	3,941	6,341	.....	3,717	.....	9·29
						29,381	3,988		
						3,988			
						25,393		9·14	.....
			99,079	1,20,766	[redacted]	31,829	.....	4·95 or say 5%	.....

on account of Fair Ground Fees, &c., received from Contractors.

on account of Feeding Charges.

The net revenue, after deducting working expenses and interest to the amount of Rs. 2,19,845, is nearly 5 per cent. against 4½ per cent. for the preceding year. The whole of the 6 per cent. loan will be fully paid off in 1888-89, so that, after that, the profit will be over 10 per cent.

97. On the night of January 28th, the godowns in the compound of the Arthur Crawford Markets were burnt, the fire being probably due to careless bidi-smoking, though the exact cause was never discovered. The damage to the Municipality amounted to about Rs. 31,000, which amount the Corporation sanctioned for the re-construction of the building. As a precautionary measure, I have obtained the necessary sanction to the employment of Police Ramosis with a view to improve the night-watching on the Arthur Crawford Markets in the future.

98. The question of providing additional accommodation in the Markets, the necessity for which has constantly been urged, was dealt with during the year.

An addition of 175 stalls to the Erskine Road Market, by taking in all the space between the meat and vegetable markets, was sanctioned. This work is now in progress, and will shortly be completed.

The outlay is very heavy, owing to the large sum which will have to be paid for the necessary land. The Collector awarded Rs. 3,16,188, but most of the parties refused to the sums awarded, and the final decision rests with the Court. Other extensions and improvements have also sanctioned, but they will form matters for future reports.

The question of conveyance of meat by rail is daily more important. In his report for the current year, Superintendent of Markets alludes to the depreciated condition which the meat arrives in the Market after undergoing journey by road of about ten miles. The great difficulties in the way of a settlement of the question are the heavy outlay necessary to effect a change to carriage by rail, and the difficulty of finding a site for a meat siding. The most convenient site would be a portion of the Native

Infantry Lines opposite the Market, but Government have declined to grant a site there.

100. The supply of vegetables was plentiful, but the dealers complain that the year has not been a remunerative one to them.

101. The following is a comparative statement of the meat consumption of three years:—

Animals slaughtered at the Municipal Slaughter-houses at Bandra for Public and Commissariat consumption (exclusive of the local supply to Bandra)—

	1885-86.	1886-87.	1887-88.
Horned Cattle.....	25,702	26,387	27,491
Sheep and Goats.....	470,133	454,509	457,126
Pigs	920	977	848

Animals taken from the Municipal Slaughter-houses for private slaughter—

Horned Cattle	591	552	1,253
Sheep and Goat	42,700	44,013	45,754

More than 23 tons of food (chiefly beef), unfit for consumption, were destroyed during the year.

102. There were 110 convictions for market offences against 182 in the previous year, or a falling off of 72. The average penalty amounted to Rs. 4-14-9 against Rs. 4-7-6 for 1886-87. The most important convictions were for the sale of diseased meat, sale of putrid fish, sale of rancid sweetmeats, and for unlawful slaughter.

Convictions.

Fire Brigade.

103. The services of the Officers who were performing joint duties as Police Officers and Fire Brigade Engineers taken over from the commencement of the official year. staff is now a purely Fire Brigade one, the officers having Police duties.

New quarters and an engine-house have been provided Gamdevi for the Fire Brigade. This station, which complete and will be ready for use, as soon as the new arrives from England, will serve the whole of the and adjoining districts.

104. The number of fires reported during the year or six less than in the previous year. The of property is stated to have been appr

Fires.

mately Rs. 10,46,931, against Rs. 45,870 for 1886-87. The most serious fires were the following :—

	Estimated loss of property.
April 22nd, 1887—Frere Bandar—Haystacks, &c.	Rs. 1,50,000
May 7th, „ —Tardeo, Sewlal Motilal Mill and Byramji Batlivala's Fire Temple.....	„ 4,52,000
(These two buildings stood next each other and were burned at the same time.)	
Dec. 5th, 1887—Paidhoni—Two upper-stories of house	„ 12,000
Dec. 9th, „ —Mazagon—Framji Petit Mill	„ 3,00,000
Jan. 29th, 1888—Crawford Market—Vegetable Godowns	„ 75,000*

(For details, *see* Market Report.)

105. The number of persons run over in the public streets is as follows :—

Year.	Killed.	Injured.	Total.
1886-87 ...	28	366	394
1887-88 ...	31	364	395

The accidents occurred chiefly in Bhendi Bazar Road, Kalbadevi Road, Falkland Road, Kika Street, Grant Road, Parel Road and Dongri Street.

Considering the narrowness of some of the main thoroughfares, and the reckless way in which foot-passengers walk in the middle of the road, paying no heed to carriages, the only wonder is, that more accidents do not occur.

Education.

al Institu- The location of the Victoria Jubilee Technical Institute is now settled. Through the generosity of Sir Dinshaw Manekji Petit, the Elphin-College Building was placed at the disposal of the of Management. The Institute is now fairly started.

and Albert An interesting report by the Curator appears elsewhere on the Victoria and Albert Museums. The number of visitors during the year was only 8 against 674,327 for the previous year, which is due hours of admission being changed as an experiment. periment was made to see if the Museum would be

* Includes Dealers' losses.

visited in the morning hours from 7 to 10 a. m., but it has been found that the number of persons who visited it at these hours was far below that when the hours were from 10 o'clock onwards, and the hours of admission have therefore been rearranged to suit the convenience of the public. The urgency of an increased grant towards the maintenance of the Museum continues to be a pressing question. In the Report for 1886-87, it was mentioned that the Secretary had pointed out the inadequacy of the grant allowed by Government, and he again writes as under:—

"The Museum is at present under the Municipality, but, as with Government so with the Municipal authorities, the difficulty is where to get money, and they will give just the same amount as Government was giving at the time the transference took place. There is a special grant for Artware equal to the Natural History grant, Rs. 100 a month, but that is given for a special purpose."

I think the Corporation ought to contribute a grant of Rs. 1,000 a year towards the maintenance of the Museum, and I propose to ask for it in the ensuing year.

Schools.

108. The receipts from, and the expenditure on, schools, to the support of which the Municipality contributes, are given below :—

RECEIPTS.

Provincial Grant.	Fees.	Municipal Contribution.	Miscellaneous	TOTAL.
Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
16,000	22,128 9 0	25,801 8 0	0 12 0	63,93

EXPENDITURE.

Salaries, including Pension Fund.	Contingencies.	Reward to Indigenous Schoolmasters.	Public Works Expenditure.	Contribution to Scholarships in the Poona Male & Female Training Colleges.	Contribution to Anjuman-i-Islam Mahomedan School.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
43,858 6 0	18,004 14 6	.....	.....	362 11 10	3,750 0 0	65,

The following contributions were also made by the Municipality towards educational and other institutions :—

	Rs.
School for Deaf and Dumb Mutes	1,800
Veterinary College	2,500
Technical College	5,000
Gokuldas Tejpal Hospital	36,000
Jafar Suleman's Dispensary for Women and Children	6,000

109. The following statement shows the number of schools in the Island of Bombay, with the attendance as it stood on 31st March 1888 :—

No. of School.	Name of School.	Attendance on rolls.
	MARATHI SCHOOLS, BOMBAY.	
	Primary Boys' Schools.	
1	Dongri 2nd Grade Anglo-Vernacular School	78
2	Girgam do. do.	25
3	Kamathipura do. do.	15
4	Khetwadi do. do.	97
5	Amerchandwadi Vernacular School	225
6	Byculla do. do.	74
7	Chandanwadi do. do.	174
8	Chewlwadi do. do.	238
9	Chinchpokli do. do.	95
10	Colaba do. do.	100
11	Dongri do. do.	149
12	Gamdevi do. do.	118
13	Ghorapdeo do. do.	136
14	Girgam do. do.	225
15	Khetwadi do. do.	161
16	Khamathipura do. do.	129
17	Lower Mahim do. do.	103
18	Mandvi do. do.	104
19	Mazagon do. do.	87
20	Nagdevi do. do.	111
21	Nagpada do. do.	171
22	Parel do. do.	75
23	Shivdi do. do.	45
24	Upper Mahim do. do.	138
25	Vithalvadi do. do.	181
26	Walkeshwar do. do.	69
27	Warli do. do.	72
28	Warli Koliwada do. do.	57
	Primary Girls' School.	
29	Dongri Vernacular School	56
30	Kalbadevi, do. do.	91
31	Kamathipura do. do.	59
32	Nagdevi do. do.	63

No. of School.	Name of School.	Attendance.
	GUJARATI SCHOOLS, BOMBAY.	
	Primary Boys' Schools.	
1	Bhuleshwar 2nd Grade Anglo-Vernacular School.	28
2	Budhivardhak do. do. do.	43
3	Mumbadevi do. do. do.	36
4	Bhuleshwar Vernacular School	199
5	Budhiwardhak do. do.	282
6	Mumbadevi do. do.	173
7	Chandanwadi do. do.	198
8	Fort, No. I. do. do.	276
9	Do. No. II. do. do.	123
10	Do. No. III. do. do.	43
11	Girgam do. do.	82
12	Kapad Bazar do. do.	220
13	Masjid Bandar do. do.	25
14	Mahim do. do.	61
15	Nal Bazar do. do.	12
16	Rangari Street do. do.	1
17	Mazagon Urdu School	[illegible]
18	Paidhoni do.	4
19	Paidhoni Night School	30
20	Rangari Street Night School	38
21	Chandanwadi do.	34
22	Masjid Bandar do.	23
23	Nal Bazar do.	27
	Primary Girls' Schools.	
24	Bhuleshwar Vernacular School	113
25	Charni Road do. do.	62
26	Kalbadevi do. do.	115
27	Masjid Bandar do. do.	58
28	Nal Bazar do. do.	53
29	Rangari Street do. do.	70
30	Jairajbhai Pirbhai do. do.	105

The number of schools has increased by four since year, and the attendance on the roll stands at 6,457 aga 6,130 in 1886-87.

F. L. CHARLES,
Acting Municipal Commissioner
for the City of Bom

CONTROLLER'S REPORT FOR 1887-88.

No. 1437A OF 1888-89.

F. L. CHARLES, Esq., C.S.,

Acting Municipal Commissioner

for the City of Bombay.

quired by your No. 1471, dated 24th April 1888, and ubsequent reminders, dated 20th June and 5th and 20th 88 respectively, I have the honour to submit the report of year's working of this Department accompanied by the count Statements.

be noticed from the following contrasted Revenue State- that the actual yield under every head but two exceeded ctive Budget estimate.

vo heads under which the Revenue fell short of the Estimates ,253-5-5 were Toll Fees and Miscellaneous Fines. I have d the Traffic Manager, Port Trust, on the subject of the lling off since 1882 under the former head.

otal income, exclusive of the nominal item of Rs. 32,174-12-10 unt of Profit on stores, and including sale proceeds Ripon Road surplus land, exceeded the estimates by 7,304-14-1, of which Rs. 4,43,000 have already been ated in the Budget for 1888-89 and Rs. 73,854 for addi- rants up to date, leaving Rs. 1,60,450-14-1 available for ppropriation.

A.

STATEMENT showing the Net Receipts during the Financial year 1887-88 *from all Sources contrasted with the Budget Estimate.*

PARTICULARS.	Actuals for 1886-87.	Budget Estimate for 1887-88.	Actuals for 1887-88.	More than Estimate.	Less than Estimate.
Consolidated Rate at 8 per cent. (including Government and Port Trust contributions) ...	Rs. a. p. *14,88,867 5 0	Rs. a. p. 13,51,000 0 0	Rs. a. p. 14,07,013 6 4	Rs. a. p. 56,013 6 4	Rs. a. p. .....
Wheel-tax	3,03,804 11 3	3,03,000 0 0	3,22,659 0 7	19,659 0 7	.....
Toll Fees	15,756 8 0	15,800 0 0	14,333 8 0	.....	1,466 8 0
Liquor Licenses	1,43,750 0 0	1,43,750 0 0	1,43,750 0 0	.....	.....
Land Conveyance Licenses	3,942 11 11	3,200 0 0	4,049 12 9	849 12 9	.....
Town Duties (including additional for Tansa) ...	10,12,152 6 0	8,70,000 0 0	9,96,750 4 9	1,26,750 4 9	.....
Tobacco Duty Licenses	1,90,249 10 2	1,71,000 0 0	1,84,168 4 8	13,168 4 8	.....
Halalkhor Cess	3,18,630 6 11	3,53,000 0 0	3,72,257 11 0	19,257 11 0	.....
Market Receipts	2,72,915 10 11	2,64,500 0 0	2,88,690 1 0	24,190 1 0	.....
Contribution from Municipal Servants towards Pension, &c., Fund	10,866 9 2	10,000 0 0	15,542 13 3	5,542 13 3	.....
Tramway-rent	30,725 14 7	33,000 0 0	5,919 12 0	2,919 12 0	.....
Contribution from Insurance Companies	29,776 0 0	25,000 0 0	37,856 8 0	12,856 8 0	.....
Miscellaneous Fines	8,119 10 4	11,000 0 0	9,213 2 7	.....	1,786 13 5
[illegible]	[illegible]	[illegible]	90,068 7 9	14,968 7 9	.....
[illegible]	[illegible]	[illegible]	[illegible] 3 3	[illegible]	.....

[redacted]			68 0 0	68 0 0	.....
Interest on the Municipal Building Fund Investment	§37,962 8 0	.....	13,847 9 11	13,847 9 11	.....
Do. on the Road Improvement Fund	.....	.....	565 12 7	565 12 7	.....
Do. on the 7 Lakhs Sanitary Works Loan Deposit Account	.....	.....	1,804 13 0	1,804 13 0	.....
Do. on the 12 Lakhs Drainage and Water Works Loan Deposit	.....	.....	16 7 0	16 7 0	.....
Do. on the Surplus Cash Deposit Account...	.....	.....	8,273 1 4	8,273 1 4	.....
Sale Proceeds of Surplus Land in Ripon Road...	.....	.....	1,78,831 3 4	1,78,831 3 4	.....
	40,68,196 10 2	37,19,750 0 0	42,37,214 2 0	5,20,717 7 5	3,253 5 5
Profit on Municipal Workshops	.....	.....	13,416 5 10	13,416 5 10	.....
Profit on Stores adjusted	58,966 13 2	.....	32,174 12 10	32,174 12 10	.....
	41,27,163 7 4	37,19,750 0 0	42,82,805 4 8	5,66,308 10 1	3,253 5 5
Water Rate, &c., &c.	7,74,651 4 6	(a) 7,37,300 0 0	8,83,724 6 3	1,46,424 6 3	.....
			Deduct Less	7,12,733 0 4 3,253 5 5	3,253 5 5
Grand Total...Rs.	49,01,814 11 10	44,57,050 0 0	51,66,529 10 11	7,09,479 10 11	

* The Consolidated Rate was levied at 8¾ per cent. in 1886-87.
† Rs. 3,400 on account of fees for opening roads for laying water pipes, and Rs. 500 on account of Plumbers' License Fees have been shown under Water Works revenue.
‡ Rs. 2,900 on account of Meter hire and Rs. 2,000 on account of Bandora Municipality's instalment on account of water mains have been shown under Water Works revenue.
§ This includes Rs. 18,411-15-0 on account of the previous year's interest and Rs. 11,483-12-9 recovered on account of interest paid out of the Capital amount sanctioned to be invested, which latter sum has been invested out of the interest realized in 1887-88. (a) Includes Rs. 8,800 transferred from miscellaneous fees and receipts.

The Property Rates and Wheel Tax yielded Rs. 2,41,354-8-2 m
than the estimate as detailed in
margin. The increase under Consolidat
Rate was due to rise in rents and the e
largement of old and the construction
new buildings, &c., in the city.
surplus under Halalkhor Cess was p
due to the same cause and partly to enhancement in the rate char
for special service. The enhanced valuations of house property
the reasons already given above, the larger supplies of water by me
and other sundry receipts not hitherto credited to Water Wor
account for the large increase under Water Revenue. Rs. 12,000
the increase under Wheel Tax was derived from Public Conveyances,

	Rs.	a.	p.
Consolidated Rate	56,013	6	4
Halalkhor Cess.	19,257	11	0
Water Rate.....	1,46,424	6	3
	2,21,695	7	7
Wheel Tax.....	19,659	0	7
	Rs. 2,41,354	8	2

The Licenses for Public Land Conveyances issued by the Poli
Commissioner produced Rs. 849-12-9 more than the estimate.

We received on account of Town Duties Rs. 1,26,750-4-9 more t
our expectations as explained at length at page 71 of this Repor

The Customs Department recovered Rs. 13,168-4-8 mo
the estimate for Tobacco Duty and Licenses.

The large increase of Rs. 24,190-1-0 in the Market Rece
principally realized under Stall Rents and Squatters', S
Butcher License and Fair Ground and Feeding Fees.

The surplus pension contribution of Rs. 5,542-13-3 w
wholly received from the Resident Engineer, Drainage Wo
the Lighting Inspector on account of back contributions fr
August 1878 and 14th October 1876 respectively, as sanct
the Town Council, and from the Drainage Office and Survey e
ments and Waste-Water Prevention staff amalgamated v
permanent establishments of the Engineer's Department.

The increased Tramway Rent of Rs. 2,919-12-0 was reco
account of the extension of the Tramway Lines from Mint Ro
junction of Frere and Carnac Roads.

Of the increase of Rs. 12,856-8-0 on account of Tax on I
Companies, about Rs. 5,000 were due to the estimate for
being less than the actuals of the preceding year, Rs. 4,0
lections for 1883-84, 1884-85 and 1886-87 having been reco
last year, and the balance to increased business done
companies, and to seven new companies having been
in 1887-88.

Miscellaneous Fees yielded Rs. 14,968-7-9 more than an
under the sub-heads Rewas, Galleries and Scaffolding Fee
neer's Department), and Music and Occupying Road Fees
Commissioner's Department).

The savings on account of Unpaid Salaries, Wages, &
Rs. 1,294-3-3 in excess of the estimate, entirely in consequenc
salaries of certain employés on privilege leave during the l
months of the past year remaining unpaid until the beginnin
current year.

The realizations under the various sub-heads of Miscellaneous Receipts were Rs. 19,388-0-5 above the Budget estimate as detailed below :—

	Rs.	a.	p.
Sale of Land	2,631	5	11
Rent of sweeping and burning grounds let for cultivation, and of Milch Cattle Stables, and recoveries for Grazing Cattle by Main Drain, &c. (Health Department)	7,832	12	2
ent of Telephone Lines and vacant land, sale of rights of cutting grass, catching fish, drawing toddy, &c., &c. (Engineer's Department)	6,308	13	1
le proceeds of poon spars and woodwork of the arch erected at the Queen's Statue	1,339	9	0
le of Government paper forfeited by a Contractor and of Vaccine Lymph and Coal Ashes and other sundry receipts	1,375	8	3
Total..Rs.	19,388	0	5

The yield of the Victoria Gardens was Rs. 452-2-6 above the usual timated provision of Rs. 8,000 on account of Revenue from the blic gardens.

The interest recovered on the different invested funds and reserves gregated Rs. 24,575-11-10 as under :—

	Rs.	a.	p.
blt Road Bridge Reserve	68	0	0
cipal Building Fund	13 847	9	11
Improvement do.	565	12	7
hs Sanitary works Loan Investment	1,804	13	0
Drainage and Water Works Loan Investment	16	7	0
	Rs. 16,302	10	6
nent of Surplus Cash	„ 8,273	1	4
	Rs. 24,575	11	10

eserving proper sums for payment of compensation and other t yet settled, the net profit on the sale of surplus land at Ripon s Rs. 1,78,831-3-4. Any further surplus after meeting all d claims will be adjusted in the accounts of the current year.

nanner in which the profit of Rs. 13,416-5-10 on the working orkshops was derived, has been explained in detail at page 84 Report.

djustment of the different stock accounts showed a profit of 174-12-10, but it must be treated as a book item only as it was derived by adjusting as surplus all dead and live stock d out of Budget grants and Loan Assignments.

etails given below in Statement **B** show that the total estiexpenditure for the past year as sanctioned by the Corporation 46,90,677.

psed grants for 1886-87, amounting to Rs. 11,42,824-7-2, were in last ye which, together with further expenditure aggregat- 6,18,687 passed by the Corporation from time to time for t on the 44 lakhs Sanitary Works Loan, interest on Tansa full metalling certain roads, additional street improvement, supply of water to Municipal Departments, half-year's on the 7 lakhs Sanitary Works Loan and other unforeseen raised the total extra grants for 1887-88 to Rs. 17,61,511-7-2.

B.

CONTRASTED STATEMENT showing the Original Budget Grants, Additions, Transfers and the Grants as amended.

PARTICULARS.	Original Grants.	Additional Grants.		Add Transfers.	Deduct Transfers.	Amended Grants.
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.
GENERAL SUPERINTENDENCE—						
Town Council and Corporation Establishment	45,468 0 0	5,256 0 0	A	1,848 2 0	.....	52,572 2 0
Municipal Commissioner's Department	69,355 0 0	.....		.....	.....	69,355 0 0
Controller's Department (including Audit, Account and Stores Depts.)	56,560 0 0	119-11 10	B	200 0 0	.....	56,879 11 10
ASSESSMENT AND COLLECTION CHARGES—						
Assessor and Collector's Establishment (including Refund, &c., Branch)	1,14,658 0 0	415 14 7	C	666 15 2	.....	1,15,740 13 9
Town Duty Dept. (including Collection of extra Town Duty for Tansa.)	67,033 0 0	6,000 0 0	D	2,400 0 0	.....	75,433 0 0
Tobacco Duty Department	18,294 0 0	.....	E	700 0 0	.....	18,994 0 0
Music and other Licenses Department	4,980 0 0	.....		.....	.....	4,980 0 0
Toll Fees	1,680 0 0	.....		.....	.....	1,680 0 0
PUBLIC HEALTH DEPARTMENT—						
General Supervision	38,538 0 0	.....		.....	.....	38,538 0 0
Conservancy Branch	8,85,787 0 0	16,341 15 0	F	5,260 0 6	W 8,776 10 10	8,98,612 4 8
Registration of Births and Deaths	19,362 0 0	3,044 13 9		.....	.....	22,406 13 9
Cemeteries	5,142 0 0	37 2 2	G	266 10 10	.....	5,445 13 0
Laboratory	600 0 0	.....		.....	.....	600 0 0
Vaccination	15,744 0 0	5,237 0 0		.....	.....	20,981 0 0
Maintenance of Dhobies' Lines at Mahalakshmi	16,624 0 0	1,340 0 0		.....	.....	17,964 0 0
Conveyance of Infected Persons and Disinfection	1,000 0 0	.....		.....	.....	1,000 0 0
Milch-cattle Stables	12,227 0 0	1,144 7 11		.....	.....	13,371 7 11
Tank Conservancy	6,144 0 0	.....		.....	.....	6,144 0 0
Market and Slaughter-Houses Establishment	1,03,453 0 0	9,003 6 10	H	320 0 0	.....	1,12,776 6 10
MUNICIPAL ENGINEER'S DEPARTMENT—						
Establishment	1,11,084 0 0	.....	I	2,300 0 0	X 4,026 10 7	1,09,357 5 5
Lighting	2,97,940 0 0	.....		.....	Y 8,657 9 9	2,89,282 6 3
Road Watering	81,388 0 0	.....		.....	Z 7,951 9 5	73,436 6 7
Road Repairs	3,05,942 0 0	1,53,975 1 3	J	737 8 6	.....	4,60,654 9 9
Repairs to Municipal Buildings	5,413 0 0	488 7 3		.....	.....	5,901 7 3
Improvement of Streets	40,000 0 0	66,404 1 3		.....	.....	1,06,404 1 3
Miscellaneous Drainage (Drainage)	25,929 0 0	5,241 3 5	K	571 8 0	AA 1,241 10 7	30,500 0 10
Maintenance of Love Grove Pumping Station (Drainage)	50,273 0 0	252 12 7	L	9,305 10 7	.....	59,831 7 2
Do. of Love Grove, Worli, Dharavi, and the new Sluices (do.)	3,527 0 0	5 10 5	M	744 5 0	.....	4,276 15 5
Cleaning, Lighting and Repairing Port Trust Wharves	25,000 0	.....		.....	.....	25,000 0 0
Victoria Gardens (Maintenance of Public [illegible]	31,[illegible]	4,211 0 0	N	691 1 1	.....	36,089 1 1
				.....	.....	3,796 8 0
				.....	.....	468 0 0
				.....	.....	1,496 0 0
				.....	.....	482 12 6

[illegible]			[illegible]		40,[illegible]
[illegible]			.....	.....	1,800 0 0
[illegible]			.....	.....	2,500 0 0
[illegible]		[illegible] 0 0	.....	CC 5,000 0 0	.....
Victoria and Albert Museum (do.)	9[illegible]	1,506 15 8	.....	.....	80,000 0 0
Gokaldas Tejpal Hospital (Hospitals, &c.)	36,[illegible] 0 0	.....	.....	.....	11,230 15 8
Jaffer Sulliman Dispensary (do.)	6,000 0 0	.....	.....	.....	36,000 0 0
Establishment for the proposed Cholera and Small-pox Hospitals (do.)	3,108 0 0	.....	.....	.....	6,000 0 0
Pensions, Gratuities and Compassionate Allowances	28,000 0 0	2,366 6 1	R 320 1 4	.....	3,108 0 0
Discretional Contingencies	5,000 0 0	212 15 3	.....	.....	30,686 7 5
Auditors' Allowance	5,000 0 0	.....	.....	.....	5,212 15 3
Rent of Municipal Office	16,800 0 0	.....	.....	.....	5,000 0 0
New Works	36,543 0 0	2,38,346 4 3	S 4,639 0 0	DD 15,423 9 0	16,800 0 0
General Police (including Police Hospital)	2,61,352 0 0	.....	.....	.....	2,64,104 11 3
Fire Brigade	75,151 0 0	37,169 14 7	.....	EE 837 5 0	2,61,352 0 0
Election Expenses	500 0 0	.....	.....	.....	1,11,483 9 7
Expenses on account of illuminating Municipal Building, decorating streets, holding a Public Fair and School Children's Fête in honour of the celebration in Bombay of the Jubilee of the reign of Her Most Gracious Majesty the Queen-Empress of India	.....	582 14 10	.....	.....	582 14 10
Illuminating the address of congratulation to Her Majesty on the occasion of the Jubilee and the cost of a casket to enclose the same	.....	5,000 0 0	T 471 14 4	.....	5,471 14 4
Cost of illuminating and enclosing the addresses to His Royal Highness the Duke of Connaught and His Excellency the Earl of Dufferin, Viceroy and Governor-General of India	.....	68 12 8	.....	.....	68 12 8
Nesbit Road Bridge account (paid to G. I. P. Railway)	65,000 0 0	10,720 4 8	.....	.....	75,720 4 8
	33,55,038 11 3	8,35,527 15 4	47,850 5 2	51,968 1 2	41,86,448 14 7
Payment towards the reduction of debt debitable to Municipal Fund (Municipal Debt)—					
Drainage Loan of 17 Lakhs	20,750 8 11	.....	.....	.....	20,750 8 11
The Consolidated Loan—					
2nd Government Loan of 15 Lakhs ....Rs. 26,955 14 6					
Surface Drainage Loan of 6 Lakhs .... „ 12,735 1 1	39,690 15 7	.....	.....	.....	39,690 15 7
The Sanitary Works Loan of 44 Lakhs—					
Surface Drainage ....(Rs. 8,12,000) 14,524 4 10					
Miscellaneous Drainage ....(„ 14,39,550) 25,749 5 6					
Roads and other Sanitary Works....(„ 2,49,529) 4,463 5 6	44,736 15 10	2,07,076 3 0	.....	.....	2,51,813 2 10
	1,05,178 8 4	2,07,076 3 0	.....	.....	3,12,254 11 4
	34,60,217 3 7	10,42,604 2 4	47,850 5 2	51,968 1 2	44,98,703 9 11
Municipal Building Fund	50,000 0 0	220 12 0	.....	.....	50,220 12 0
Carried over ....Rs.	35,10,217 3 7	10,42,824 14 4	47,850 5 2	51,968 1 2	45,48,924 5 11

B—*continued.*

CONTRASTED STATEMENT showing the Original Budget Grants, Additions, Transfers and the Grants as amended.

PARTICULARS.	Original Grants.	Additional Grants.	Add Transfers.	Deduct Transfers.	Amended Grants.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward....Rs.	35,10,217 3 7	10,42,824 14 4	47,850 5 2	51,968 1 2	45,48,924 5 11
Water Works Account—					
Maintenance of Vehar, &c., Water Works	96,040 0 0	13,684 4 2	U 11,040 6 8	.....	1,20,764 10 5
New Works	1,27,550 0 0	38,725 4 3	.....	F.F. 8,479 9 7	1,57,795 10 3
Loss by sale of Kennedy's Water Meters	.....	10,627 2 4	.....	.....	10,627 2 4
Interest on account of Water Works Loans (Municipal Debt) *viz.*—					
Vehar Water Works Debt	1,15,616 1 3	.....	.....	.....	1,15,616 1 3
Tulsi Water Works Loans (40 Lakhs)	1,58,186 8 2	.....	V 1,556 15 4	.....	1,59,743 7 6
Sanitary (Water Works) Loan of Rs. 18,98,921	90,015 0 0	.....	.....	.....	90,015 0 0
Bhundarwada Loan of 10 Lakhs	46,056 0 10	1,319 5 4	.....	.....	47,375 6 2
Tansa Water Works Loan	3,70,000 0 0	3,70,000 0 0	.....	.....	7,40,000 0 0
Portion of 7 Lakhs Sanitary Works Loan	.....	4,759 11 7	.....	.....	4,759 11 7
Discount on a portion of the 44 Lakhs Sanitary Works Loan raised in 1885-86, *viz.*, Rs. 18,98,921	.....	1,09,283 0 0	.....	.....	1,09,283 0 0
	10,03,463 10 3	5,48,398 11 8	12,597 5 7	8,479 9 7	15,55,980 1 11
Payment towards the reduction of Water Works Loans (Municipal Debt)—					
Bhundarwada Reservoir Loan of 10 Lakhs	12,249 7 1	.....	.....	.....	12,249 7 1
Tulsi Water Works Loan of 36 Lakhs	76,410 7 7	.....	.....	.....	76,410 7 7
Balance of Tulsi Water Works Loan of 4 Lakhs	7,853 4 9	.....	.....	.....	7,853 4 9
Sanitary (Water Works) Loan of Rs. 18,98,921	20,899 0 0	1,70,287 13 2	.....	.....	1,91,186 13 2
Vehar Water Works Debt	59,583 14 9	.....	.....	.....	59,583 14 9
	1,76,996 2 2	1,70,287 13 2	.....	.....	3,47,283 15 4
Total Water Works Account....Rs.	11,80,459	7,18,686 8 10	12,597 5 7	8,479 9 7	19,03,264 1 3
			60,447 10 9	60,447 10 9	64,52,188 7 2

					1,848 2
B	Do.	Municipal Engineer's Department			200 0 0
C	Do.	do. do.			666 15 2
D	Do.	do. do.	1,115 0 0		
	Do.	Lighting.....	1,285 0 0		
				2,400 0 0	
E	Do.	Municipal Engineer's Department			700 0 0
F	Do.	Lighting.....	5,227 8 0		
	Do.	Miscellaneous Drainage	32 8 6		
				5,260 0 6	
G	Do.	Conservancy Branch			266 10 10
H	Do.	do. do.			320 0 0
I	Do.	Watering Roads			2,300 0 0
J	Do.	Miscellaneous Drainage	32 8 6		
	Do.	Lighting.....	705 0 0		
				737 8 6	
K	Do.	New Works			571 8 0
L	Do.	do.	8,401 2 2		
	Do.	Miscellaneous Drainage	851 8 5		
	Do.	Maintenance of Public Gardens, Bazar Gate Street Garden	53 0 0		
				9,305 10 7	
M	Do.	Miscellaneous Drainage	292 8 7		
	Do.	Lighting.....	451 12 5		
				744 5 0	
N	Do.	Municipal Engineer's Department			691 1 1
O	Do.	Watering Roads			783 6 0
P	Do.	Fire Brigade.....	349 3 0		
	Do.	New Works	6,450 14 10		
				6,800 1 10	
Q	Do.	Technical College	5,000 0 0		
	Do.	Conservancy Branch...	3,874 0 0		
				8,874 0 0	
		Carried over..			42,419 5 6

		Brought ...			42,419 5 6
		ghting.....	208 5 4		
		unicipal Engineer's Department	111 12 0		
				320 1 4	
	Do.	Watering Roads	903 0 0		
	Do.	Conservancy Branch.....	3,736 0 0		
				4,639 0 0	
T	Do.	Municipal Engineer's Department			471 14 4
U	Do.	Water Works (Maintenance)	8,479 9 7		
	Do.	Miscellaneous Drainage.....	32 8 7		
	Do.	Municipal Engineer's Department	70 0 0		
	Do.	Watering Roads	2,458 4 1		
				11,040 6 3	
V	Do.	do. do.			1,556 15 4
					60,447 10 9
W	Transferred to Town Council and Corporation Establishment ..... (*vide* A)		580 0 0		
	Do.	Cemeteries ..... („ G)	266 10 10		
	Do.	Markets and Slaughter-houses.. („ H)	320 0 0		
	Do.	Primary Education ..... („ Q)	3,874 0 0		
	Do.	New Works ..... („ S)	3,736 0 0		
				8,776 10 10	
X	Do.	Town Duty Collection ..... („ D)	1,115 0 0		
	Do.	Controller's Department ..... („ B)	200 0 0		
	Do.	Tobacco Duty Collection Establishment, &c..... („ E)	700 0 0		
	Do.	Illuminating the Address of Congratulation to Her Majesty on the occasion of the Jubilee and cost of casket to enclose the same („ T)	471 14 4		
	Do.	Gratuities and Compassionate allowances ..... („ R)	111 12 0		
	Do.	Maintenance of Public Gardens, Victoria Gardens..... („ N)	691 1 1		
		Carried over..Rs.	3,289 11 5		8,776 10 10

B—*concluded.*

			Rs.	a.	p.	Rs.	a.	p.
		Brought forward..	3,289	11	5	8,776	10	10
	Transferred to	Water Works (Maintenance)....(*vide* U)	70	0	0			
	Do.	Assessment and Collection Department ..... („ C)	666	15	2			
						4,026	10	7
Y	Do.	Conservancy Branch..... („ F)	5,227	8	0			
	Do.	Repairs (Road), B ..... („ J)	705	0	0			
	Do.	Maintenance of Love Grove, Worli, Dharavi, & the new Sluices .. („ M)	451	12	5			
	Do.	Pensions ..... („ R)	208	5	4			
	Do.	Town Duty Collection..... („ D)	1,285	0	0			
	Do.	Town Council and Corporation Establishment ..... („ A)	780	0	0			
						8,657	9	9
Z	Do.	Interest on Loans (O) Rs. 733 6 0						
	Do.	do. do. (V) „ 1,556 15 4						
						2,290	5	4
	Do.	Municipal Engineer's Department ..... („ I)	2,300	0	0			
	Do.	New Works ..... („ S)	903	0	0			
	Do.	Water Works (Maintenance) .. („ U)	2,458	4	1			
						7,951	9	5

			Rs.	a.	p.	Rs.	a.	p.
		Brought forward..	....			29,412	8	7
AA	Transferred to	Maintenance of Love Grove, Worli, Dharavi and the new Sluices. (*vide* M)	292	8	7			
	Do.	Repairs (Road), B ..... („ J)	32	8	6			
	Do.	Conservancy Branch..... („ F)	32	8	6			
	Do.	Water Works (Maintenance).... („ U)	32	8	7			
	Do.	Maintenance of Love Grove Pumping Station ..... („ L)	851	8	5			
						1,241	10	7
BB	Do.	do. ..... („ L)				53	0	0
CC	Do.	Primary Education ..... („ Q)				5,000	0	0
DD	Do.	Miscellaneous Loan Charges .... („ P)	6,450	14	10			
	Do.	Maintenance of Love Grove Pumping Station..... („ L)	8,401	2	2			
	Do.	Miscellaneous Drainage. ..... („ K)	571	8	0			
						15,423	9	0
EE	Do.	Miscellaneous Loan Charges .... („ P)	349	3	0			
	Do.	Town Council and Corporation Establishment .... („ A)	488	2	0			
						837	5	0
FF	Do.	New Works (Water Works) .... („ U)				8,479	9	7
		Total..Rs.				60,447	10	9

wn Council sanctioned transfers amounting to Rs. 60,447-10-9 on various from savings in certain heads of expenditure to meet excesses in others. he final amended grants for the year amounted to Rs. 64,52,188-7-2.

	Rs.	a.	p.	Rs.	a.	p.		Rs.	a.	p.		Less than Estimate. Rs.	a.	p.	Remarks.
GENERAL SUPERINTENDENCE—															
Town Council and Corporation Establishment ..	42,474	6	0	52,572	0	0		53,364	9	7		3,587	8	5	
Municipal Commissioner's Department ..	74,373	3	9	69,356	0	0		67,978	5	0		1,376	11	0	
Controller's Department (including Audit, Account, and Stores Departments)	56,242	7	11	56,879	11	10		53,962	5	2		2,897	6	8	
ASSESSMENT AND COLLECTION CHARGES—															
Assessor and Collector's Establishment, including Refund, &c., Branch	1,27,733	9	9	1,15,740	13	9		1,14,907	5	3		833	8	6	
Town Duty Department (including Collection of Extra Duty for Taxes)	61,888	7	0	75,433	0	0		72,265	2	7		3,167	13	5	
Tobacco Duty Department	18,293	13	4	18,994	0	0		18,812	10	8		181	5	4	
Music and other Licenses Establishment.. ..	4,540	5	7	4,980	0	0		4,472	10	8		507	5	4	
Toll Fees	1,680	0	0	1,680	0	0		1,680	0	0		.....			
PUBLIC HEALTH DEPARTMENT—															
General Supervision	37,255	14	4	38,538	0	0		37,733	4	10		804	11	2	
Conservancy Branch	8,05,948	12	10	8,96,612	4	8		8,63,439	10	4		45,172	10	4	
Registration of Births and Deaths	16,548	14	2	22,406	13	9		21,338	8	10		1,068	4	11	
Cemeteries	5,822	11	11	5,445	13	0		4,176	12	2		1,269	0	10	
Laboratory	205	6	3	600	0	0		222	4	3		377	11	9	
Vaccination	13,460	11	10	20,961	0	0		17,573	6	5		3,407	9	7	
Maintenance of Dhobies' Lines at Mahalakshmi ..	17,626	4	10	17,964	0	0		17,577	1	9		386	14	3	
Conveyance of Infected Persons and Disinfection..	.....			1,000	0	0		.....				1,000	0	0	
Milch-cattle Stables	10,735	6	9	13,371	7	11		11,332	14	10		2,038	9	1	
Tank Conservancy	5,377	9	6	6,144	0	0		4,681	2	11		1,462	13	1	
Market and Slaughter-houses Establishment ..	99,136	11	0	1,12,776	6	10		1,07,660	2	10		5,116	4	0	
MUNICIPAL ENGINEER'S DEPARTMENT—															
Establishment	1,28,380	4	4	1,09,357	5	5		1,07,281	7	3	c	2,075	14	2	
Lighting	2,91,510	12	11	2,89,282	6	3		2,85,949	8	10		3,332	13	5	
Road Watering	69,565	2	3	73,436	8	7		64,902	1	1		8,534	5	6	
Road Repairs	3,18,663	9	11	4,60,654	9	9		3,84,835	4	4		75,819	5	5	
Repairs to Municipal Buildings	5,395	14	7	5,901	7	3		5,537	7	2		364	0	1	
Improvement of Streets	40,529	7	0	1,06,404	1	3		59,109	11	3		47,294	0	0	
Miscellaneous Drainage .. .. .. (Drainage) ..	23,407	11	7	30,600	0	10		19,778	5	10		10,721	11	0	
Maintenance of Love Grove Pumping Station (do.)	52,742	8	0	59,831	7	2		57,006	15	6		2,824	7	8	
Do. of Love Grove, Worli, Dharavi, and the new Sluices (Drainage)	8,233	11	7	4,278	15	5		4,152	2	6		124	12	11	
Cleaning, Lighting and Repairing Fort Trust Wharves ..	.....			25,000	0	0		25,000	0	0		.....			
Victoria Gardens (Maintenance of Public Gardens) ..	28,935	2	1	36,689	1	1		35,175	6	4		1,513	11	9	
Elphinstone Circle Garden (do.) ..	8,908	15	1	8,706	8	0		2,765	3	5		1,031	4	7	
Falkland Road Garden (do.) ..	462	14	7	468	0	0		393	7	7		28	8	5	
Nowrojbrook (do.) ..	1,450	6	11	1,496	0	0		1,200	12	9		295	8	3	
Sir C. Jehangir Mahim Garden (do.) ..	646	5	1	493	12	0		462	1	3		30	10	9	
Bazar-gate Street Garden (do.) ..	811	3	1	838	0	0		704	15	2		128	0	10	
Garden on the Flats (do.) ..	1,111	12	10	1,202	8	0		1,137	11	11		64	12	1	
Dick's Tank Garden (do.) ..	99	3	10	264	0	0		217	8	10		46	7	2	
Carried over..	23,67,149	14	5	27,43,351	2	9		25,14,494	8	1		2,28,856	10	8	

C.—*continued.*

PARTICULARS.	Actuals for 1886-87.	Budget Estimate for 1887-88.	Actuals for 1887-88	More than Estimate.	Less than Estimate.	REMARKS.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Brought forward..	23,67,149 14 5	27,43,351 2 9	25,14,494 8 1	....	2,28,856 10 8	
Establishment for preparing Plans and Estimates for Agripada House Sullage Water Connections	....	3,820 0 0	....	....	3,820 0 0	
Interest on Loans (Municipal Debt)	2,18,090 0 9	3,03,920 0 4	2,53,342 12 7	....	50,577 3 9	
Charges on Loans (do.)	40,398 9 9	33,550 1 10	25,586 12 10	....	7,963 5 0	
Discount on the portion of the 44 Lakhs Sanitary Works Loan raised in 1885-86, *viz.*, Rs. 25,01,079	....	1,43,937 0 0	1,43,937 0 0	....	....	
Primary Education (Education)	22,500 0 0	40,248 0 0	40,248 0 0	....	....	
School for Deaf and Dumb Mutes (Education)	1,200 0 0	1,800 0 0	1,800 0 0	....	....	
Veterinary College (do.)	2,500 0 0	2,500 0 0	2,500 0 0	....	....	
Victoria Jubilee Technical Institute (do.)	....	80,000 0 0	80,000 0 0	....	....	
Victoria and Albert Museum (do.)	6,404 0 1	11,230 15 8	10,166 12 11	....	1,064 2 9	
Gokaldas Tejpal Hospital (Hospitals, &c.)	42,386 7 4	36,000 0 0	34,753 1 0	....	1,246 15 0	
Jaffer Sulliman's Dispensary(do.)..	6,000 0 0	6,000 0 0	6,000 0 0	....	....	
Establishment for the proposed Cholera & Small-pox Hospitals (do.)	....	3,108 0 0	....	....	3,108 0 0	
Pensions, Gratuities and Compassionate Allowances ..	19,132 9 1	30,686 7 5	30,530 11 6	....	155 11 11	
Discretional Contingencies	5,166 4 11	5,212 15 3	4,190 9 2	....	1,022 6 1	
Auditor's Allowance	5,000 0 0	5,000 0 0	5,000 0 0	....	....	
Rent of Municipal Office	16,800 0 0	16,800 0 0	16,800 0 0	....	....	
New Works	1,25,222 4 1	2,64,104 11 3	97,107 11 10	....	1,66,996 15 5	
General Police (including Police Hospital)	2,61,914 1 8	2,61,352 0 0	2,61,348 7 0	....	3 9 0	
Fire Brigade	70,903 15 2	1,11,483 9 7	69,669 13 11	....	41,813 11 8	
Election Expenses..	3,846 14 8	500 0 0	414 3 3	....	85 12 9	
Expenses on account of illuminating Municipal Buildings, decorating Streets, holding a Public Fair and School Children's Fête in honour of the celebration in Bombay of the Jubilee of the reign of Her Most Gracious Majesty the Queen-Empress of India	24,634 7 7	582 14 10	582 2 1	....	0 12 9	
Illuminating the Address of Congratulation to Her Imperial Majesty on the occasion of the Jubilee and the cost of a Casket to enclose the same	....	5,471 14 4	5,380 9 7	....	91 4 9	
Cost of illuminating and enclosing the Addresses to His Royal Highness the Duke of Connaught and His Excellency the Earl of Dufferin, Viceroy and Governor-General of India ..	415 0 0	68 12 8	68 12 8	....	....	
Nesbit Road Bridge Account (Paid to G. I. P. Railway) ..	64,435 3 4	75,720 4 8	*42,045 15 10	....	33,674 4 10	*Exclusive of Rs. 65-4-0 paid from Invested Fund.
Loss on account of Municipal Workshops	1,699 7 7	....	....	....	....	
				....	5,40,480 14 4	

Roads and other Sanitary Works .. .. („ 2,49,529) 25,123 0 6	3,979 0 0	2,51,813 2 10	2,51,813 2 10	....	.....	
	61,461 7 2	3,12,254 11 4	*3,05,140 0 1	....	7,114 11 3	* Exclusive of Rs. 3,35,000 repaid out of invested Sinking Fund on account of the Market Loan of Rs. 3,50,000 which became repayable on 10th September 1887.
	33,67,260 11 7	44,98,703 9 11	39,51,108 0 4	.....	5,47,595 9 7	
Municipal Building Fund (Invested)	49,779 4 0	50,220 12 0	50,220 12 0	....	.....	
	34,17,039 15 7	45,48,924 5 11	40,01,328 12 4	....	5,47,595 9 7	
WATER WORKS ACCOUNT—						
Maintenance of Vehar, &c., Water Works	93,600 3 5	1,20,764 10 5	1,13,338 10 3	....	7,426 0 2	
New Works	92,118 14 2	1,57,795 10 8	87,721 3 9	....	70,074 6 11	
Loss by Sale of Kennedy's Water Meters	.....	10,627 2 4	10,627 2 4	....	.....	
	1,85,719 1 7	2,89,187 7 5	2,11,687 0 4	....	77,500 7 1	
Discount on a portion of the 44 Lakhs Sanitary Works Loan raised in 1885-86, viz., Rs. 18,98,921	.....	1,09,283 0 0	1,09,283 0 0	....	.....	
INTEREST ON ACCOUNT OF WATER WORKS LOANS (MUNICIPAL DEBT), viz.—						
Vehar Water Works Debt	1,19,387 14 7	1,15,616 1 3	1,15,616 1 3	....	.....	
Tulsi Water Works Loans (40 Lakhs)	1,61,854 1 9	1,59,743 7 6	1,59,743 7 6	....	.....	
Sanitary (Water Works) Loan of Rs. 18,98,921	94,946 0 10	90,015 0 0	90,015 0 0	....	.....	
Bhandarwada Loan of 10 Lakhs	46,504 10 1	47,375 6 2	45,318 4 10	....	.....	
Tansa (Water Works) Loan	.....	7,40,000 0 0	65,058 12 10 6,67,741 3 2	....	2,057 1 4	
Portion of 7 Lakhs Sanitary Works Loan	.....	4,759 11 7	.....	....	7,200 0 0	
	6,08,411 12 10	15,55,980 1 11	14,64,462 13 11	....	4,759 11 7	
					91,517 4 0	
PAYMENTS TOWARDS THE REDUCTION OF WATER WORKS LOANS (MUNICIPAL DEBT)—						
Bhandarwada Reservoir Loan of 10 Lakhs	11,481 0 0	12,249 7 1	11,864 2 4	....	385 4 9	
Tulsi Water Works Loan of 36 Lakhs	73,084 10 10	76,410 7 7	76,410 7 7	....	.....	
Balance of Tulsi Water Works Loan of 4 Lakhs	7,511 7 11	7,853 4 9	7,853 4 9	....	.....	
Sanitary (Water Works) Loan of Rs. 18,98,921	3,021 0 0	1,91,186 13 2	1,91,186 13 2	....	.....	
Vehar Water Works Debt	55,812 1 5	59,583 14 9	59,583 14 9	....	.....	
	1,50,910 4 2	3,47,283 15 4	3,46,898 10 7	....	385 4 9	
Total Water Works Account....Rs.	7,59,322 1 0	19,03,264 1 3	*d* 18,11,361 8 6	....	91,902 8 9	*Add*— Proportion of charges as per items *a*, *b* and *c* .... „ 71,683 12 3
						d Rs. 18,11,361 8 6
Total....Rs.	41,76,362 0 7	64,52,188 7 2	58,12,690 4 10	....	6,39,498 2 4	Rs. 18,83,045 4 9

The preceding Statement **C** shows that against the finally amend and revised grant of Rs. 64,52,188-7-2 the sum actually expend during the past year was Rs. 58,12,690-4-10, thus leaving unexpended balance of Rs. 6,39,498-2-4. If from the last mentione sum the amount of lapsed grants, *viz.*, Rs. 5,25,940-15-8, required t be renewed during the current year, were deducted, the real savings expenditure would amount to Rs. 1,13,557-2-8. The different cau of the accrual of these savings are explained in detail below :—

Rs. 3,587-8-5 were saved principally on Town Councillors' and Contingencies, Town Council and Corporation Departme Rs. 1,376-11-0, chiefly on Commissioner's Contingent grant ; Rs. 2,520-12-7 and Rs. 376-10-1 on the Controller's Office Establis ment and Contingent, &c., grants respectively. The saving on t Controller's Office Establishment was due to the transfer of the Lo Branch to the Bank of Bombay from 1st July 1887. Thus the tot saving on General Superintendence amounted to Rs. 7,861-10-1, which Rs. 1,291-9-8 will have to be renewed during the current y to meet the contingent expenses of the Town Council and Corpo Establishment.

The saving of Rs. 833-8-6 was derived on the Assessme Collection Establishment, Contingent and Furniture grant were also savings of Rs. 3,167-13-5, Rs. 181-5-4 and Rs. 5 the respective grants for Collection of Town and Tobacco dut Music and other Licenses Establishments. Thus the total the Assessment and Collection Department aggregated Rs. 4

A saving of Rs. 804-11-2 accrued under General Su Public Health Department, wholly on the Office Establishi Contingent grants.

In consequence of the full Budget strength of Labour, Ha bullocks, &c., not having been employed from the beginning year for the extension of Halalkhor and other services to t Trust Section of B Ward and to the Spinning and Weaving Mi other properties in the city, there resulted an aggregate sav Rs. 45,172-10-4 as detailed below. Of this, Rs. 2,079-8-1 wi to be renewed during the current year for departmental wor for repairs not adjusted during the past year.

I.	Superintendence				3,
II.	Labour (including feed of cattle)—				
	A. Scavengering	Rs.	8,527 14	0	
	B. Drain Cleaning	„	4,868 0	8	
					13,3
III.	Disposal of Town Sweepings				3,2
IV. to IX.	Repairs, Stores, Reserve Live-stock, Rent, Water Supply and Waterproof Clothing				1,6
X.	Halalkhor Branch—		Rs.	a.	p.
	A. Superintendence		1,694	12	3
	B. Labour		3,052	8	8
	C. Feed of Cattle		8,123	5	5
	D. Stores		856	14	9
	E. Repairs		3,261	1	6
	G. & H. Rent, and Lighting Night-soil Depôt		597	14	7
	J. Maintenance of Carnac Bandar Night-soil Pumping Station		5,580	11	1
					23,
				Rs.	4

Rs. 1,068-4-11, Rs. 1,269-0-10, Rs. 377-11-9, Rs. 386-14-3, s. 2,038-9-1 and Rs. 1,462-13-1 remained unexpended out of the spective grants for Registration of Births and Deaths, Cemeteries, aboratory, Mahalakhshmi Dhobiwada, Milch Cattle Stables and Tank Conservancy.

Out of the unexpended balance of Rs. 3,407-9-7 of the Vaccination tment, Rs. 2,702-14-5 will have to be renewed during the current to meet charges on account of extra establishment, labour and required during the small-pox epidemic which raged during of the last and the beginning of the current year.

ntire grant of Rs. 1,000, for Conveyance of Infected Persons infection, remained unspent.

ggregate savings of the Health Department amounted to 88-5-0. Deducting therefrom Rs. 4,782-6-6 required to be for Conservancy Branch and Vaccination Department, the gs amount to Rs. 52,205-14-6.

saving of Rs. 5,116-4-0 in the Markets and Slaughter Houses 2,234-1-11 were derived under Lighting, Rs. 1,555-8-9 t Carriage, Rs. 988-5-6 under Repairs, and Rs. 338-3-10 es, Contingencies, Rent, Labour and Establishment.

ing of Rs. 2,075-14-2 in the Engineer's Establishment ely due to the unappropriated balance of the Assistant s salary after allowing for transfers sanctioned by the Town om time to time from the Budget provision of Rs. 6,000 on nt, which was not required.

saving of Rs. 3,332-13-5 under Lighting, Rs. 1,819-8-0 were he cost of fifteen new lamps for Ollivant Bridge at Nesbit nd of a meter and gauge, ordered out from England, not having id during the past year, and which sum will consequently be renewed during 1888-89, and the balance chiefly to the ntract rate for kerosine lighting.

ting Rs. 6,925-3-1 to be renewed, during the current year, id contractors' bills and unadjusted departmental repairs rom the unexpended watering grant of Rs. 8,534-5-6, there net saving of Rs. 1,609-2-5 under that head. This latter ore than made up of the saving caused by watering not ired for seventeen days more than the usual period of oon months.

a grant of Rs. 1,23,733 for special repairs to certain roads been only sanctioned on 14th November 1887, the full reof could not be spent within the past year. Rs. 75,800-2-7 pended balance of Rs. 75,819-5-5 under Road Repairs e, have to be renewed during the current year.

Out of the grant for Repairs to Municipal Buildings, there remain an unexpended balance of Rs. 364-0-1.

The entire balance of Rs. 47,294-6-0, available out of the Stree Improvement grant, will have to be renewed during the current yea as the grant for 1888-89 of one lakh of rupees will not be sufficient meet the cost of the large improvements sanctioned to be made in c nection with the extension of the Bhooleshwar Market.

Under Drainage, Rs. 1,201-9-2 were principally saved Inspectorial Staff, the full budgetted strength not having employed all throughout the year, and Rs. 9,520-1-10 on c repairing, altering and constructing drains, &c. The latter s have to be renewed during the current year to meet the cost c tioned works not completed or commenced during 1887-88.

There had been a saving of Rs. 2,824-7-8, on Establishmer Repairs and Store grants for the maintenance of the Lo Pumping Station. Rs. 2,208-7-10 will, however, be requir the current year to meet the cost of tools, &c., ordered England and of repairs executed but not adjusted during 18

The trifling saving of Rs. 124-12-11 under Maintenanc Grove, Worli, Dharavi and the new Sluices was chiefly Repairs, Stores and Contingencies.

Under Repairs, Seeds and Contingent allotments of the Gardens, there was a saving of Rs. 1,513-11-9. The repairs railings, sand, turf and manure provisions having remain unexpended almost account for the saving of Rs. 1,031- Elphinstone Circle Garden. Thus with the minor savin contingent, &c., allowances for the Falkland Road, Northbrook Bazaar Gate Street, Flats and the Dicks Tank Gardens, savings on the maintenance of all the public gardens amou Rs. 3,108-10-10.

The grant of Rs. 3,820 sanctioned in December 1887 establishment for preparing plans and estimates for the A House Sullage Water Connections was not spent during the as the survey work could not be undertaken by the Engine partment until April 1888, and hence it will have to be during the current year.

The gross savings of the Engineer's Department, exclusiv Works, aggregated Rs. 1,58,020-7-0. The real savings were only Rs. 10,632-9-8, as Rs. 1,47,387-13-4, will be required year's unpaid or unadjusted Lighting, Watering, Road Rep Improvement, Drainage and Survey charges.

The available balances of the respective grants for L Loan charges were Rs. 50,577-3-9 and Rs. 7,963-5-0. T

tement, however, shows how the entire Debt grant, including ater Works, stood at the close of the last year:—

				Rs.	a. p.
ing on the additional grant for interest on the 6 per cent. Local Loans...				85	8 10
o. do. charges on Loans :—					
Balance of the Premium on the 7 Lakhs Sanitary Works Loan raised @ 100½ after allowing for Stamp and Brokerage charges (@ ½ and ⅛ per cent. respectively).	Rs.	a.	p.		
	437	8	0		
of the Premium on 6 Lakhs of the 12 Lakhs ge and Water Works Loan raised at 101 after g Stamp and Brokerage charges as above	2,250	0	0		
savings	150	13	0		
				2,838	5 0
Total savings				Rs. 2,923	13 10

l on account of :—
n Charges—

	Rs.	a.	p.			
rage and Stamp charges on the 7 khs Sanitary Works Loan	4,375	0	0			
rage on 6 Lakhs of the 12 Lakhs nage and Water Works Loan ...	750	0	0			
				5,125	0	0
rest—						
Local Loans (Municipal Fund)...	2,316	6	6			
s Drainage Loan ipal Fund).....Rs.	3,492	14	8			
hs Bhandarwada Water Works) ... „	2,057	1	4			
				5,550	0	0
Sanitary Works Municipal Fund) Interest .....Rs.	11,687	8	0			
on interest grant e added to Sinking l for paying off short Debentures ..... „	20,254	9	4			
				31,942	1	4
oan (Water Works Fund).....				7,200	0	0
Sanitary Works Loan— ipal Fund .....Rs.	12,740	4	5			
Works Fund ..... „	4,759	11	7			
				17,500	0	0
				64,508	7	10
t—						
Loan Debentures of 1878, which repayable in last year—						
l Fund	7,114	11	3			
orks Fund	385	4	9			
				7,500	0	0
				77,133	7	10
				Rs. 80,057	5	8

The above figures show that the real saving on the Debt gr
was only Rs. 2,923-13-10, and that Rs. 77,133-7-10 will have to
renewed during the current year on account of unpaid Debenture
Interest and other charges.

The real saving on the Victoria and Albert Museum grant
only Rs. 64-2-9, as Rs. 1,000 of the unexpended balance will ha
be renewed for payment of Artware collections already ordere
from the different Collectors of the Presidency.

Government refunded Rs. 1,636-13-0 in September las
unexpended balance in their hands, out of the con
Rs. 36,000 paid by the Municipality towards the main
the Gokuldas Tejpal Hospital for the year. Out of th
Rs. 389-14-0 were defrayed for the purchase of me
surgical necessaries for the hospital, leaving a net
Rs. 1,246-15-0.

The construction of the Small-pox Hospital not having
pleted, and the site for the Cholera Hospital not having be
during last year, the whole grant of Rs. 3,108, sanctioned
blishment for the two hospitals, was saved.

The small savings aggregating Rs. 1,359-9-3 under P
Gratuities, Discretional Contingencies, General Poli
expenses, and charges on account of illuminating Co
Address to Her Imperial Majesty, and decorating th
Buildings, &c., on the occasion of the Jubilee call for no
remarks.

Of the sum of Rs. 1,66,996-15-5, appearing as available
Works, Rs. 1,48,190-6-10 will be required for works not
or completed during the past year. The balance w
the gain in the cost of completed works and to the grant
work not required to be executed, being entirely sav
details are given below :—

1.	Unexpended balance of grants for incomplete works			
2.	Allotment of works not commenced			
				1,
3.	Savings on completed works	Rs. 14,586	8	7
4.	Work not to be executed	,, 4,220	0	0
				Rs. 1

The unexpended balance of the Fire Brigade
Rs. 41,813-11-8. Rs. 4,292-14-1 thereof were really sav
Repairs, Establishment and Contingencies. The remai
Rs. 37,520-13-7 will have to be renewed during the curr
complete certain works already commenced and execut
taken in hand or the carrying out of which was not fin
upon during last year.

he whole of the balance of Rs. 33,674-4-10 of the Nesbit Road idge Reserve will be required to settle all outstanding claims in nnection with the construction of the Ollivant Bridge which was pleted last year.

explained above under Debt, the entire sum of Rs. 7,114-11-3 le under reduction of Debt will have to be renewed ar to pay off certain Debentures of the 17 lakhs Drainage f 1878 which became repayable on 1st January 1888, which were not presented for repayment up to the close of year.

e following table shows how the sum of Rs. 91,902-8-9 available r Water Works was arrived at. It will be seen therefrom that 2,540-6-0 were actual savings, whereas the remainder will be ed during the current year for unpaid Repairs, Stores and Con- charges, and for the completion of works partly executed or menced in 1887-88 and for unpaid interest, &c., charges as xplained under Debt :—

	Rs. a. p.	Rs. a. p.
ngs on Establishment and Labor	233 12 11	
Repairs, Stores and Contingent grants to	7,192 3 3	
		7,426 0 2
Works—		
gs on completed Mains, &c., ...	2,306 9 1	
rants for laying Mains, &c., to be renewed.	67,767 13 10	
		70,074 6 11
		77,500 7 1
t and Debt to be renewed as wn above under Debt :—		
	Rs. a. p.	
10 lakhs Bhandarwada Loan..	2,057 1 4	
the Water Works portion of the 7 lakhs Sanitary Works Loan	4,759 11 7	
Tansa Loan	7,200 0 0	
	14,016 12 11	
Debt—		
entures, Bhandarwada Loan	385 4 9	
		14,402 1 8
		Rs. 91,902 8 9

dence.....	Rs.	7,861 10 1
ection Dept.	„	4,690 0 7
.....	„	56,988 5 0
ter-houses	„	5,116 4 0
ent, includ- lishment..	„	1,58,020 7 0
.....	„	80,057 5 8
Museum ..	„	1,064 2 9
.....	„	4,354 15 0
.....	„	1,66,996 15 5
.....	„	41,813 11 8
Reserve ..	„	33,674 4 10
.....	„	77,500 7 1
.....	„	1,359 9 3
	Rs...	6,39,498 2 4

From the figures in the margin it will be perceived that the gross savings in the different heads of expenditure aggregated Rs. 6,39,498-2-4.

The actual opening Balance, Revenue and Expenditure of past year, are contrasted below with their respective estimates :—

	Estimate.	Actuals.	Better than Estimate
	Rs. a. p.	Rs. a. p.	Rs.
Opening Balance	5,00,000 0 0	20,58,937 14 8	15,58,93
Revenue	44,57,050 0 0	51,66,529 10 11	7,09,47
	49,57,050 0 0		
Expenditure { Original Estimate	46,90,677 0 0		
Expenditure { Subsequent as per Statement B	64,52,188 7 2	58,12,690 4 10	6,39,498
			29,07,915

The big opening balance included Rs. 11,42,824-7-2 on ac the lapsed grants for 1886-87 renewed during the past year. remainder of the surplus balance and the large extra Rs. 4,43,000 have already been appropriated in the curr Budget.

The undisbursed balance of the grants for Municipal was high in consequence of charges, &c., to the Rs. 5,25,940-15-8, remaining unpaid during the past year.

After allowing for adjustments and nominal store appropriations, &c., already made, the balance of the ab was utilized as shown below :—

Actual Cash Balance						1
Invested Surplus Balance						10
				Rs.	a.	p.
Advances for Loan Works in excess of Loan Funds :—						
Surface Drainage Works				13,08,004	3	10
Drainage Works (17 Lakhs Loan of 1878)				16,28,922	12	0
Sanitary Works (44 Lakhs Loan)—	Rs.	a.	p.			
Drainage, 1883-84	4,39,574	10	3			
Do. 1884	3,84,980	0	0			
Ripon Road	1,37,116	12	6			
Other Sanitary Works	53,632	9	0			
Water Works	19,58,057	10	6			
				29,73,361	10	3
Sanitary Works (7 Lakhs Loan)—						
Fort Drainage	2,27,140	15	2			
Additional Works at Love Grove Pumping Station	32,180	2	0			
Drains in Khetwady and Wari Bunder	10,216	6	1			
	2,69,537	7	3			
Water Works	20,190	15	5			
				2,89,728	6	
Carried over				Rs. 62,00,017	0	9

					Rs.	a.	p.	Rs.	a.	p.
Brought over.....					62,00,017	0	9	11,64,619	9	7
12 Lakhs Drainage and Water Works Loan of 1888—	Rs.	a.	p.							
Queens' Road Sewerage.....	145	6	0							
Water Works (Frere Road Main)	63,910	11	6							
					64,056	1	6			
Extension of Erskine Road Market (Loan of Rs. 11,82,000)					45,385	13	0			
Water Works, Bhandarvada (10 Lakhs Loan of 1878)					9,86,480	6	7			
Do. Vehar Outlet,&c.,(in excess of 40 Lakhs Loans)					31,675	6	3			
Do. Tansa, including Survey					31,59,698	6	9			
					1,04,87,313	2	10			
Less—										
Payments made out of the following Loan Funds—										
27 Lakhs Loan of 1878				26,94,000	0	0				
Surface Drainage Loan of 6 Lakhs				6,00,000	0	0				
44 Lakhs Sanitary Works Loan... Rs.	44,00,000	0	0							
Less—										
Invested Funds at the Bank... Rs.	8,54,150	5	0							
				35,45,849	11	0				
7 Lakhs Sanitary Works Loan ..... Rs.	7,00,000	0	0							
Less—										
Invested [illegible] at the B[illegible]... Rs.	3,06,617	5	0							
				3,93,382	11	0				
Tan[illegible] W[illegible] Rs.	47,00,000	0	0							
Less—										
Investe[illegible] at the [illegible]... Rs.	16,00,000	0	0							
				31,00,000	0	0				
					1,03,33,232	6	0			
								1,54,080	12	10
Adva[illegible] Contractors, &c., for work and materials.....					87,360	4	0			
Municipal Officers, Workshops, and for Private and Departmental Works					1,22,966	11	4			
								2,10,326	15	4
								15,29,027	5	9
[illegible]nce required by the Act					1,00,000	0	0			
[illegible]c. (in Cash)					1,30,766	13	11			
[illegible]overnment Paper in Office					10,000	0	0			
[illegible]on Private Works					1,929	2	6			
[illegible] of Bombay on account of Income-tax					8,915	9	8			
[illegible]ks Establishment					12,816	10	3			
								2,64,428	4	4
								12,64,599	1	5
[illegible]Already appropriated in the Budget for 1888-89								4,43,000	0	0
								8,21,599	1	5

Net amount available..... Rs.

[illegible]5,25,940-15-8 required to be renewed in this year for lapsed [illegible]were deducted from the above net available surplus of [illegible]599-1-5, there would remain a sum of Rs. 2,95,658-1-9 or [illegible]khs (after allowing for about ¾ths of a lakh already sanc-[illegible]ring the current year for repairs to Crawford Markets [illegible]s, and other unforeseen charges) available for appropriation [illegible]gent wants of the city.

APPENDICES.

Nos. 1 A and B.—These statements of the 6 per cent. Local Loans show that the total debt was reduced from Rs. 17,38,000 to Rs. 14,03,000 owing to the repayment of Rs. 3,35,000 of the Market Loan of 3½ Lakhs which became repayable on 10th September 1887, and that the unpaid interest at the close of the year was Rs. 111-6-6 more than at the end of 1886-87.

Nos. 1 C and D.—From the former statement it will be seen that the balance due on 31st March 1888, on account of the 5 per cent. loan of Rs. 26,94,000 raised in 1878, was Rs. 24,56,000. The latter shows that the outstanding interest amounted to Rs. 5,550 on 31st March 1888 against Rs. 3,562-8-0 on 31st March 1887.

Nos. 1 E and F.—Statment E shows that Rs. 39,50,000 were outstanding on 31st March 1888 on account of the 5 per cent. 44 Lakhs Sanitary Works Loan raised in 1885-86. From Statement F it will be perceived that the unpaid interest at the close of last year was Rs. 3,500 less than that on 31st March 1887.

No. 1 G—Gives the outstanding interest on 31st March 1888, payable for the 47 Lakhs raised during the past two years on account of the Tansa Loan at Rs. 7,200 against Rs. 18,800 on 31st March 1887.

No. 2—Is the usual Town Duty Statement, showing the gross yield and refunds of the past year.

In the table below I have contrasted the revenue, and balances of the past year with those of the preceding year :

	1886-87.		1887-88.	
	Rs.		Rs.	
Opening Balance	25,162		54,749	
Revenue	19,91,036		21,06,787	
		20,16,198		21,61,536
Deduct—				
Refunds	9,49,297		11,16,162	
Closing Balance	54,749		48,636	
		10,04,046		11,64,798
Net Revenue	Rs.	10,12,152	Rs.	9,96,738
Less—Cost of Collections, &c.		64,885		49,471
Net Receipts after payment of Collection Charges	Rs.	9,47,267	Rs.	9,47,267

In the past year's Budget the total revenue was estimated at Rs. 19,67,000, and allowing Rs. 10,97,000 for refunds, a net revenue of Rs. 8,70,000 was provided for.

The actual revenue and refunds, however, being Rs. 1,39,799 and Rs. 19,162 more than the estimates and the closing balance being Rs. 6,113 less than the opening one, the net yield was Rs. 1,26,750 larger than the Budget provision as stated at page 52 of this Report.

From the contrast in the margin of the revenue for 1887-88 with that of the preceding year, it will be noticed that there was a falling off in the first two items, principally in grain, and that there were increases under all other items, conspicuously under sugar and ghee. Allowing for the decreases, the net increase in last year over the gross yield of the previous year was 63. The refunds, however, being considerably heavy, the clusive of collection charges, was only Rs. 15,402 less than -87.

Articles.	Actuals for 1886-87.	Actuals for 1887-88.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Grain	8,08,268	7,49,814	...	58,454
Wines & Spirits	2,26,416	2,17,185	...	9,231
Beer	10,303	11,309	1,006	...
Sugar	4,64,349	5,95,739	1,31,390	...
Ghee	1,90,342	2,18,827	28,485	...
mber	1,19,368	1,31,042	11,674	...
ewood	68,830	76,150	7,320	...
oleum	1,03,160	1,06,733	3,573	...
	19,91,036	21,06,799	1,83,448	67,685
			Net Increase...	Rs. 1,15,763

his is the usual Cash Account, giving in detail the total transactions of the year, including adjustments. It will be seen therefrom that, exclusive of Water Works and the nominal item of Profit on Stores, the ordinary revenue exceeded the expenditure by Rs. 7,27,919-2-0, as detailed in the margin. surplus revenue was met the payments of Rs. 3,05,140-0-1 rds the reduction of debt and Rs. 50,220-12-0 for investment icipal Building Fund Reserve as shown in Statement **C**.

	Rs.	a.	p.
ncome (exclusive ks and Profit on			
.....	42,50,630	7	10
.....	35,22,711	5	10
	Rs. 7,27,919	2	0

r Works Fund owed the Municipal Fund Rs. 14,89,199-2-10 larch 1888, against Rs. 97,251-8-1 at the close of 1886-87. increase was due to advances from Municipal Fund for ure on Loan Works in excess of Loan Funds, and for meeting it in the current year's income, the expenditure being considery on account of debt charges, &c., for the Tansa and other ter Works Loans.

Works.—The total expenditure on Surface Drainage Works, end of the last year after the transfer to current revenue of the charges formerly debited to the Works, was Rs. 13,08,004-3-10 l below :—

Surface Drainage Works.

	Sanctioned Grant.	Amount expended up to 31st March 1887.	Amount expended during the year 1887-88.	Total.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Widening Love Grove Sluices	1,61,362 15 4	1,57,326 7 7	.....	1,57,326 7 7	
Culvert under B. B. and C. I. Railway, near Bellasis Road	1,791 0 8	1,791 0 8	.....	1,791 0 8	
Khetwady Survey	6,848 0 0	5,599 10 0	.....	5,599 10 0	
Raising Level of Khetwady Roads.....	27,017 0 0	28,355 0 1	.....	28,355 0 1	
Do. Private Compounds in Khetwady	38,580 0 0	25,336 2 1	.....	25,336 2 1	
Three Branch Drains in Khetwady and Storm-water Entrances...	27,544 8 0	31,711 15 6	.....	31,711 15 6	
Intercepting Drain, Tardeo District, and Storm-water Entrances..... Rs. 2,80,753					
Less—Amount transferred to 15 Lakhs Loan (Queen's Road Sewer, (*see* Town Council's Resolution No. 2368, dated 7th November 1882) ..... „ 24,317					
	2,56,436 0 0	1,69,180 2 3	489 0 9	1,69,669 3 0	
Making connection between Low-level Sewer and New Main Drain.....	3,100 0 0	2,610 8 10	.....	2,610 8 10	
Intercepting Drain from Pydhoni to Bellasis Road and Storm-water Entrances	3,39,516 8 0	3,00,303 14 1	2,820 0 0	3,03,123 14 1	
Enlarging old open Main Drain	1,06,091 0 0	71,280 14 0	37 15 5	71,318 13 5	
Laying a new 24″ Main and removing old 24″ Tulsi Main and filling up the Haines Road Entrance.....	32,688 0 0	1,08,237 9 4	*Cr.* 34,010 11 4	74,226 14 0	
Constructing Storage Reservoir on the Flats and raising level of Manholes in Sewers	1,98,840 0 0	1,82,306 1 0	.....	1,82,306 1 0	
Establishment.....	1,34,163 0 0	1,21,413 0 0	.....	1,21,413 0 0	
Contingencies	53,705 0 0	[illegible] 13 1	623 8 1	40,967 5 2	
Improving the Worli Storm Water drain[illegible]					
[illegible]		5	790 3 0	92,248 4 5	
[illegible]			0	.....	
[illegible]			1	13,08,004 3 10	

A further expenditure of Rs. 4,825-5-3, incurred during the past year on Kamatipura Drainage, Pipe Sewer in Girgaum Back Road and Contingencies, raised the total cost of works sanctioned to be executed out of the Drainage Loan of 1878 to Rs. 16,28,922-12-0.

After allowing for the transfer of Rs 31,209 for Bhandarwada excesses from the Loan of Rs. 16,94,000, there remain Rs. 33,868-4-0 available for the execution of certain pipe sewers not yet undertaken and contingencies.

	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Amount liable for work to be done. Rs. a. p.	Grand Total. Rs. a. p.
Main Sewer	6,04,284	4,93,974	4,94,272	4,92,691 8 2	.....	4,92,691 8 2	....		4,92,691 8 2
Pipe Sewer	4,72,864	3,71,164	3,75,636	2,76,818 9 7	415 4 9	2,77,233 14 4	32,810 11 8		3,09,744 9 7
Outfall Sewer		2,03,642	2,56,581	2,55,766 10 0	.....	2,55,766 10 0	....		2,55,766 10 0
New Pumping Station	3,50,000	1,00,000	99,241	98,289 9 6	.....	98,289 9 6	....		98,289 9 6
One pair of Engines		86,500	92,500 1,91,741	95,742 3 9	.....	95,742 3 9	....		95,742 3 9
Establishment									
Contingencies	2,73,372	4,68,820	2,31,866	2,92,900 12 5	567 7 5	2,93,468 3 10	1,357 5 9		2,94,825 12 7
	17,00,000	17,00,000	17,00,000	15,12,209 5 5	982 12 2	15,13,192 1 7	33,668 4 0		15,47,060 5 7
Kamatipura Works				72,628 11 6	3,842 9 1	76,471 4 6	....		76,471 4 6
Clerk Road Sewer				39,259 5 11	.....	39,259 5 11	....		39,259 5 11
				16,24,097 6 9	4,825 5 3	16,28,922 12 0	33,868 4 0		16,62,791 0 0
Balance to be transferred to Bhandarwada Loan as per Commissioner's No. 7817, dated 14th September 1886, adopted by the Town Council and Corporation...									31,209 0 0
								Total..... Rs.	16,94,000 0 0

Notwithstanding the outlay of Rs. 68,853-1-9 on House Connections, &c., the total expenditure up to 31st March last on the Drainage Works sanctioned to be executed out of the 15 Lakhs Sanitary Works Loan of 1883-84 amounted to Rs. 4,39,574-10-3 only, *i.e.*, Rs. 31,528-14-3 less than that up to 31st March 1887 as detailed below, owing to the credits allowed in the past year by the transfer discount charges to current revenue and of establishment charges Malabar Hill Reservoir Works.

	Sanctioned Grant.	Amount expended up to 31st March 1887.	Amount expended during 1887-88.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Queen's Road Intercepting Sewer, including compensation for land	1,92,000 0 0			
Transfer from Surface Drainage Works as per Town Council's Resolution No. 2368 of 17th November 1882.....Rs. 24,317 0 0				
Add—(1) Masonry backing at rear of invert walls; and (2) extra foundation under invert blocks as per Corporation's Resolution No. 164 of 28th April 1884 ..... " 15,975 0 0	40,292 0 0			
	2,32,292 0 0			
Less—Contribution received from Government.	50,000 0 0			
	1,82,292 0 0			
Deduct—Cost of Establishment	12,348 0 0			
	1,69,944 0 0	1,52,709 3 3	8,198 7 5	1,60,902 10 8
First Drainage Section—				
House connections without privy fittings.....	5,71,165 0 0			
Less—Excess on Pumping Engines...	11,600 0 0			
	5,59,565 0 0	2,511 11 7	58,227 1 7	60,738 13 2
Automatic Flushers at heads of Gullies	.....	.....	.....	.....
Shaft Ventilators throughout	5,570 0 0	.....	.....	.....
Two more Pumping Engines	45,652 0 0	.....	.....	.....
Additional grant sanctioned under Town Council's Resolution No. 52 of 13th Ja-	88,000 0 0			
	99,600 0 0	98,438 1 9	.....	98,438 1 9
	9,600 0 0	28,342 15 5	1,440 2 8	24,7
Engines &c.	2,000 0 0	135 0 3	Cr. 41,566 0 0	
			.....	
			.....	
			992 6 0	

The sum expended during the past year on the Drainage Works ...ioned to be carried out of the Loan of Rs. 20,88,000 (one of the ...ry Works Loans) amounted to Rs. 22,148-0-11. As, however, ...ount charges amounting to Rs. 24,030 were transferred to ...revenue, the total expenditure up to 31st March 1888, amount- ... Rs. 3,84,980 as per following statement as against ... 861-15-1 on 31st March 1887 :—

	Sanctioned Grant.	Amount expended up to 31st March 1887.	Amount expended during 1887-88.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
...pe Sewer from Clare Road ...long south portions of ...ines Road and DeLisle ...l.....	1,05,955 0 0	94,333 3 4	11,422 10 1	1,05,756 2 5
...ewer from Parel Work- ... to Clerk Road Ovoid	65,891 0 0	65,497 11 8	295 14 3	65,793 9 11
...n of Clerk Road ...ewer to Parel Road ...er across the Old ...se.....	35,588 0 0	33,229 1 0	2,340 7 0	35,569 8 0
	63,320 0 0	57,240 8 4	2,506. 4 10	59,746 13 2
...from the Craw- ... down Hornby ... Bazaar-gate, ...Mint	85,287 0 0	76,222 1 9	5,582 12 9	81,804 14 6
...gyll Road ...	25,200 0 0	.....	.....	.....
.....	36,309 0 0	36,309 0 0	.....	36,309 0 0
			22,148 0 11	
...4,17,550, por- ...,88,000 Loan..	.....	24,030 0 0	*Cr.*24,030 0 0	.....
Rs...	4,17,550 0 0	3,86,861 15 1	*Cr.* 1,881 15 1	3,84,980 0 0

...7-12-6 were expended during 1887-88 on Fort and other ...orks sanctioned to be executed out of the seven lakhs ...rks Loan, thus raising the total expenditure on these ...31st March last to Rs. 2,69,537-7-3 as under :—

	Sanctioned Grant.	Amount expended up to 31st March 1887.	Amount expended during 1887-88.	Total.
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
.....	4,53,328	1,43,541 12 10	83,599 2 4	2,27,140 15 2
...t Love Grove Pump-	39,724	31,404 1 8	776 0 4	32,180 2 0
...n Roads at Khet-	6,290	4,109 12 2	1,172 9 10	5,282 6 0
...nder Road	9,046	4,934 0 1	....	4,934 0 1
Total..Rs.	5,08,389	1,83,989 10 8	85,547 12 6	2,69,537 7 3

After transferring to current revenue the profit of Rs. 1,78,831-3 realized by the sale of surplus land, the net expenditure up to the of last year on Ripon Road, amounted to Rs. 1,37,116-12-6.

Including the expenditure in 1887-88 of Rs. 1,675-15- aggregate cost on 31st March last of Minor Sanitary Works below amounted to Rs. 53,632-9-0 :—

	Sanctioned Amount.	Expended up to 31st March 1887.	Amount expende during 1887-88.	
	Rs. a. p.	Rs. a. p.	Rs. a. p	
Enlargement of Dhobi Lines at Mahalakhshmi	45,652 0 0	1,679 8 0	19 4 0	
Chawl for Gowlees working at Agripada Milch Cattle Stables	6,129 13 6	6,129 13 6	....	6,129 13
Health Department Stables at Bori Bunder	45,652 0 0	35,344 [illegible] 2	1,656 11 10	37,000
Establishment Charges	8,803 2 6	8,803 2 6	....	8,80
Total..Rs.	1,06,237 0 0	51,956 9 2	1,675 15 10	53,6

Besides the sum of Rs. 42,045-15-10 shown in Statem expended on Nesbit Road Bridge, Rs. 65-4-0 were pa account out of the invested reserve.

Pending the raising of a Loan, Rs. 45,385-13-0 we from Cash Balance for land taken up for the extension o Road Markets.

The unadjusted advances to Municipal Officers on last amounted to Rs. 26,870-5-2 against Rs. 93,295-1 close of 1886-87.

The value of Stock in hand at the end of last year wa from Rs. 15,14,683-4-2 on 31st March 1887 to Rs. 15, chiefly on account of the purchase of water-meters for to the public, of pipes and sluice valves for the Water Wo ment and of pipes for the new drainage works, and our having booked the Stock of the Victoria and Albert

I am glad to notice that in consequence of the action ta Town Council and yourself on my urgent representations, neer's Department was enabled to reduce the outstanding and departmental works executed by them and the Munici shops from Rs. 2,17,535-0-5 to Rs. 96,096-6-2. I hope outstanding would be further reduced during the current very desirable that as in former years there ought to standing at all on departmental works, and that the outstandings should be nominal.

Further sums paid during the past year princi Contractors for work and materials raised the amo to Contractors, &c., from Rs. 53,053-11-11 on 31st Rs. 87,360-4-0 on 31st March 1888.

No. 4—*Liabilities.*—The balance due to Government on account of the 6 lakhs Surface Drainage Loan, and 15 lakhs Loan was reduced during the past year from Rs. 16,61,917-3-7 to Rs. 16,22,226-4-0. This, together with the balance of Rs. 34,55,519-0-1 on account of the 40 lakhs Tulsi Loans shown in Water Works Account, made up the total outstanding of Rs. 50,77,745-4-1 on 31st March 1888, on account of the Government Consolidated Loan of Rs. 58,40,000.

The Market Loan of Rs. 3,50,000 became repayable on 10th September 1887; but bonds of the value of Rs. 3,35,000 only were presented for repayment during the past year. Thus the Local Loans Debt was reduced from Rs. 17,38,000 to Rs. 14,03,000.

Rs. 33,000 of the 27 lakhs Loan of 1878 fell due on 1st January 1888, of which only Rs. 25,500 were paid off (the remaining bonds not being presented for payment). Of the sum so repaid, Rs. 13,635-13-8 were payable from the Municipal Fund, and Rs. 11,864-2-4 from Water Works Account (on account of Bhandarwada Loan).

At the time of raising the Sanitary Works Loan of 44 lakhs, it was stipulated that Rs. 4,43,000 should be paid off in two years, from 1st July 1885. This sum, having become repayable on 1st July 1887, was paid off during last year (Rs. 2,51,813-2-10 from the Municipal and Rs. 1,91,186-13-2 from the Water Works Fund).

The Sanitary Works Loan of 7 lakhs was raised on 1st February 1888 at $100\frac{11}{16}$ per cent.

The first instalment of 6 lakhs of the Drainage and Water Works Loan of 12 lakhs was raised at 101 per cent. on 1st January 1888 (Rs. 5,57,500 for the Municipal Fund and Rs. 42,500 for the Water Works Fund).

Contractors', &c., Cash Deposits were reduced from Rs. 1,63,456-14-5 on 31st March 1887 to Rs. 1,30,766-13-11 at the end of last year, principally on account of the adjustment of meter rents credited as Deposits, while transferring the meters from the General to the Water Works Stock and to the 10 per cent. deposit retentions from contractors' bills having been invested in Government paper or other securities under the terms of their contracts.

Rs. 8,915-9-8 due to Government on account of Income Tax collections made by the Municipality in the past year were transferred to Government on 10th April and 5th May 1888.

From the 10 per cent. allowance for Loan Works establishments, there still remained an unexpended balance of Rs. 12,816-10-3, which is expected to suffice for the supervising establishment likely to be required for the completion of the works in progress.

The total liabilities of the Municipality, exclusive of those of the Water Works Fund shown in Appendix No. 7, were enhanced from Rs. 82,45,196-1-2 in 1886-87, to Rs. 90,49,930-7-10 in last year.

No. 5 *Assets.*—Owing to the adjustment of several outstanding departmental works bills, &c., the advances recoverable were reduced from Rs. 3,63,884-12-0 on 31st March 1887 to Rs. 2,10,326-15-4 at the close of last year.

The increase in the investments from Rs. 55,96,654-0-2 at the end of 1886-87 to Rs. 57,42,193-9-10 on 31st March 1888, notwithstanding the large reduction in the 6 per cent. Loans Sinking Fund and the 44 lakhs Sanitary Works Loans investments, was due to the balance of the funds raised on account of the 7 lakhs Sanitary Works Loan and the 12 lakhs Queen's Road Sewerage and Frere Road Main Loan being invested during the past year.

The stock accounts stood on 31st March last at Rs. 15,93,553-13-2.

All the lists of property revised by the Assistant Engineer and forwarded to heads of departments in September 1887, for verification not having been received into my office properly verified, I was unable to include in the books property of the value of Rs. 45,37,835-11-11 up to 1883-84 as per Engineer's Statements, as also of those since acquired at a cost of upwards of Rs. 2,60,000.

If the lists are received duly verified in a short time by me, perhaps it will be well to publish them in a separate pamphlet after comparing them with the books of this office: otherwise they could only be published with current year's accounts.

The total cash balance, investments, advances and property, &c. (as per Engineer's lists of 31st March 1884) aggregate Rs. 1,40,03,105-8-4.

Overbridges, roads, drainage and other works were constructed out of Loan Funds at a cost of Rs. 49,82,675-3-7.

ASSETS.				
Advances, Investments and Cash Balance	Rs.	60,77,310	7	2
Stock		15,93,553	13	2
Buildings, &c.		63,32,241	4	0
	Rs.	1,40,03,105	8	4
Overbridges, Roads, Drainage and other works executed out of Loan and Reserve Funds		49,82,675	3	7
	Rs.	1,89,85,780	11	11
Water Works..Rs. 1,47,41,957-0-9				
Invested unexpended Loan and Interest Funds..... „ 22,71,487-6-7				
	„	1,70,13,444	7	4
Total Assets..Rs.		3,59,99,225	3	3
LIABILITIES.				
Municipal Fund.....Rs.		90,49,930	7	10
Water Works Fund ..... „		1,37,08,786	8	3
Gross Liabilities..Rs.		2,27,58,716	11	1

The figures in the margin show that the entire assets of the Municipality (not including property, &c., of the value of over 4 lakhs acquired since 1883-84) exceeded the total liabilities by a krore and thirty-two lakhs, forty thousand five hundred and eight rupees, eight annas and two pies.

Nos. 6 and 7.—The accounts of the Water Works Fund are separately shown in detail in these statements as required by Government and the provisions of the Municipal Acts.

From the former (No. 6) it will be seen that, notwithstanding the income including Rs. 82,894-13-8 recovered for water supplied to Municipal Departments, it fell short of the ordinary expenditure by Rs. 6,52,422-3-11 and by Rs. 9,99,320-14-6, including Rs. 3,46,898-10-7 paid towards the reduction of Debt.

No. 7 shows that, including a further portion of 30 lakhs of the Tansa Loan which was raised during the past year, (20 lakhs at 100¾ and 10 lakhs at 101), between 10th August 1887 and 30th December 1887, the entire liabilities of the Fund were Rs. 1,37,08,786-3-3 against the gross assets of Rs. 1,70,13,444-7-4, *viz.*, Rs. 1,47,41,957-0-9 on account of the value of the Vehar, Tulsi, Tansa and other Water Works (exclusive of Rs. 1,59,526-5-3 spent on mains, &c., from current revenue since 1883-84) and Rs. 22,71,487-6-7 on account of investments of the balances of the Tansa Loan and Interest provisions.

STORES.

The balance of stock in charge of the Stores Clerk at the close of the past year was Rs. 1,47,060-4-4, against Rs. 2,11,446-9-0, Rs. 2,17,364-4-4, Rs. 2,34,288-10-0 and Rs. 2,72,834-12-0 at the end of the years 1886-87, 1885-86, 1884-85 and 1883-84, respectively.

The following is a contrasted statement of the principal items of the above balances :—

The principal items of the balances of the past five years are given below for purposes of comparison :—

Names of Articles.	Balance on 1st March 1884.			Balance on 1st March 1885.			Balance on 1st March 1886.			Balance on 1st March 1887.			Balance on 1st March 1888.			
	Quantities.		Amount.	Quantities.		Amount.	Quantities.		Amount.	Quantities.		Amount.	Quantities.		Amount.	
			Rs. a. p.			Rs. a. p.			Rs. a. p.			Rs. a. p.			Rs. a. p.	
Bolts and Nuts	Cwt.	20-1-23	387 6 3	Cwt.	6-0-0	.....	Cwt.	27-1-22	274 7 5	Cwt.	26-0-7	252 4 8	Cwt.	28-2-10⅜	326 0 9	
Carts, Scavengering, half-wrought	No.	47	2,590 14 0	.....		.....	.....		.....	.....		.....	.....		.....	
Castings, brass	Cwt.	56-2-17	4,140 10 1	Cwt.	48-3-3	3,541 6 6	Cwt.	18-3-23	1,514 4 7	Cwt.	15-2-26	1,258 5 6	Cwt.	7-0-12$\frac{6}{16}$	568 13 4	
Do. iron	„	3,260-3-27	25,925 9 1	„	300-2-8	4,115 9 11										
Do. Market railings	„	381-0-16	3,239 11 5	„	381-0-16	3,239 11 5										
Do. Covers for manholes	No.	67	578 11 0	No.	67	573 11 0	„	904-0-16	6,329 0 0	„	684-0-25	4,789 9 0	„	553-0-11½	3,871 11 6	
Do. Frames for manholes	„	67	829 2 0	„	67	829 2 0										
Do. Lampholes, complete	„	44	574 12 0	„	44	574 12 0										
Gun-metal	Cwt.	42-3-21	1,544 6 7	{ Lots { Cwts.	5 8-0-15	442 9 11	Cwt.	2-2-0	72 8 0	„	27-1-13	625 0 11	Cwt.	2-3-11	10 1 6	
Ferrules, brass	No.	2,561	738 1 6	No.	2,393	653 7 6	No.	2,512	794 6 0	No.	2,139	641 13 0	No.	2,089	629 5 0	
Fountains, cast-iron, one outlet	„	778	18,733 15 6	„	763	18,358 15 6	„	763	18,358 15 6	„	761	18,308 15 6	„	760		A 18,283 15 6
Do. do. four outlets	„	19	1,995 0 0	„	19	1,995 0 0	„	19	1,995 0 0	„	19	1,995 0 0	„	19		B 1,995 0 0
Files of sizes	„	1,791	1,328 3 1	Lots	5	470 0 0	.....		.....	„	43	10 12 0	„	2		1 0 0
Gullies, Street, cast-iron	„	262	8,167 0 6	No.	261	8,135 13 9	No.	261	8,135 13 9	„	261	8,135 13 9	„	261		C 8,135 13 9
Nozzles, for Fire Engine hose	„	26	337 14 0	„	26	337 14 0	„	26	337 14 0	„	25	324 14 0	„	25		D 324 14 0
Iron Plates, plain and galvanized	Cwt.	106-3-19	377 10 0	Cwt.	68-2-5	.....	Cwt.	120	689 15 11	Cwt.	213-0-9	1,204 12 2	Cwt.	132-3-23	609 9 3	
India-rubber Hose	Feet	81	463 9 0	.....		.....	.....		....	.....		.....	.....		.....		
Iron Bars	Cwt.	606-0-17	5,500 5 9	Cwt.	427-0-5	3,238 11 4	Cwt.	437	1,857 4 0	Cwt.	437-1-26	1,675 9 0	Cwt.	383-3-9½	1,701 0 4	
Earthenware Pipes, &c.	No.	28,016	65,308 10 0	No.	27,698	65,280 1 0	No.	25,081	60,102 4 1	No.	24,987	60,051 8 2	No.	24,044		E 58,773 2 4
Do. Caps, junctions	„	186	529 14 6	„	186	529 14 6	„	186	529 14 6	„	186	529 14 6	„	186		F 529 14 6

| | | |

A sum of Rs. 197-8-5 was realized by the sale of stores, &c., to private parties during the past year, and Rs. 3,079-15-1 were realized by the sale, by public auction, of unserviceable and surplus stores not useful for Municipal purposes.

There appears a further reduction of Rs. 64,386-4-8 in the balance of stock on hand as compared with the previous year. This was effected by the transfer to Water Works stores of 641 Siemen's and 135 Kennedy's water meters of the book value of Rs. 46,738-6-0, by the sale of 300 meters of the book value of Rs. 10,627-2-4 to the manufacturers, Messrs. Kennedy & Co., as per Resolution No. 897 of 24th September 1886, of the Municipal Corporation, by the sale, by public auction, of stores of the book value of Rs. 2,900-11-2, and by the using up of stores of the value of Rs. 4,120-1-2 for workshops, &c.

The total reduction in stock since the close of the year 1883-84, during which the new rules framed by the Municipal Commissioner, Mr. Ollivant, in connection with the workshops and the stores came into operation, has amounted to Rs. 1,25,774-7-8, inclusive of Rs. 57,365-8-4 on account of the value of Siemen's and Kennedy's meters transferred to the Water Works stores and sold to Messrs. Kennedy & Co., as mentioned above.

This desirable result was achieved by a strict adherence to the principle of not purchasing stores in excess of requirements, and thus avoiding the surplus accumulation swelling our stock from year to year as was done before the new rules above referred to came into force, and by not taking delivery, from the Workshops, of any castings or other articles made without indents from any of the Municipal Departments.

The Municipal Corporation having sanctioned under its Resolution No. 1708 of 1st December 1887, the disposal of stores, not useful for Municipal purposes marked A to I, in the above statement, amounting to upwards of a lakh of rupees either by auction or private sale as may be most desirable, you have requested the Executive Engineer under your No. 13079 of 6th December last, to place himself in communication with the different Municipalities in this and other Presidencies and also with private firms with a view to obtain offers for the purchase of these articles. This, I am informed, has been done by the Executive Engineer, but no offers have hitherto been received. If, therefore, we find it impracticable to sell them to public bodies or private individuals, we shall have to sell them by public auction before the end of the current year, when the stock at the Municipal Stores will be reduced to about the minimum required for the ordinary and efficient working of the shops.

I again beg to strongly urge the desirability of providing quarters for the Chief Stores Clerk at the Municipal Stores. This is absolutely

necessary for the security of the stores under his charge, otherwise we cannot reasonably hold him personally responsible for their safe custody; moreover the same reasons which necessitate the residence of the Superintendent and the Foreman Maistry at the Municipal Workshops, *viz.*, of being available on the spot at all hours of the day and night for any emergent work, such as repairing a burst in the main, &c., that they may be called upon to perform, holds good in the case of the Stores Clerk, as all the stores required for the execution of such repairs, &c., have to be obtained from him.

WORKSHOPS.

The following is a cash account of the past year's transactions of the Municipal Workshops as compared with those of the preceding year:—

	1886-87.			1887-88.	
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
To Balance of last year's account		46,003 15 9			35,939 13 2
„ Payments—					
On account of Establishment.	64,022 7 10			44,496 5 5	
Do. Stores ...	94,369 9 8	1,58,392 1 6		54,036 12 7	98,533 2 0
		2,04,396 1 3			1,34,472 15 2
„ Profit		.....			13,416 5 10
Total...Rs.		2,04,396 1 3			1,47,889 5 0
By Recoveries—					
Private Works	2,088 14 9			6,729 13 5	
Departmental Works	1,63,959 0 0			1,18,099 1 11	
		1,66,047 14 9			1,24,828 15 4
„ Iron, &c., sold		708 13 9			582 14 4
		1,66,756 12 6			1,25,411 13 8
„ Outstandings—					
Private Works	353 8 0			.....	
Departmental Works	26,728 12 3			18,541 6 3	
	27,082 4 3			18,541 6 3	
„ Incomplete Works—					
Private Works	.....			5 14 9	
Departmental Works	8,857 8 11			3,930 2 4	
		35,939 13 2		3,936 1 1	
		2,02,696 9 8			22,477 7 4
					1,47,889 5 0
„ Loss.....		1,699 7 7			.....
Total...Rs.		2,04,396 1 3			1,47,889 5 0

The reduction of about Rs. 60,000 in the outlay was partly due to your directing the abolition of the Iron Foundry since 1st September 1887 on account of the annual losses, aggregating upwards of

Rs. 30,000 during the 6 years ending 31st March 1887, as pointed out in my last and previous annual reports and partly to fewer departmental works.

It will be observed from the above account that the net profit on the works derived as hereafter explained was Rs. 13,416-5-10.

The percentages of profit on the different classes of work executed in the shops during the past year, are given in the following table :—

Nature of works.	Actuals.	Amount charged.	Profit.	Percentages.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Private works	479 8 8	859 0 0	379 7 4	79·1
Departmental works	89,302 1 8	1,07,413 9 6	18,111 7 10	20·2
			18,490 15 2	
Scavengering and drain carts.....	16,491 10 6	18,504 0 0	2,012 5 6	12·2
Night-soil carts	8,298 1 1	8,880 0 0	581 14 11	7·0
Watering carts.....	7,666 4 11	10,080 0 0	2,413 11 1	31·5
Scavengering, drain and night-soil carts.....	21,7 9 11 7	27,384 0 0	2694 4 5	10·5

In making certain wheels, &c., for Government and by the hire of a pumping engine, there accrued a profit of Rs. 379-7-4 as shown under Private Works. The total profit on departmental works was Rs. 20,830-6-8 entirely derived by overcharges of Rs. 6,522-9-0 on scavengering, drain, night-soil and water cart repairs ; Rs. 1,096-13-8 on iron castings (made during the first 7 months of the year); Rs. 1,252-1-9 on brass castings ; Rs. 2,904-14-9 on repairs to pick-axes, rollers and water tanks ; Rs. 6,472-4-9 on making 6 meat vans, 13 night-soil and 10 water carts, cart-wheels, spindles, hydrants, urinals, latrines, cast iron plugs, and waste water prevention cisterns ; and Rs. 2,581-10-9 on sundry other jobs executed in the shops. This large surplus was reduced to Rs. 18,111-7-10 owing to the losses incurred in repairing meat vans, dust-bin carts, &c. This lastmentioned net profit on Departmental Works, together with the profit referred to above on Government, &c., private work, and the sale proceeds of Rs. 582-14-4 of scrap iron, &c., amounted to Rs. 19,073-13-6. As, however, Rs. 4,829-14-1 were defrayed therefrom for making tools, repairs to machinery, &c., and Rs. 827-9-7 were retrenched from bills for certain works executed for the Malabar Hill Reservoir, the net profit on the shops was reduced to Rs. 13,416-5-10.

Noticing from my annual and other reports that these profits were fictitious as they were worked out by overcharging Municipal Depart-

ments and that they were frequently absorbed by losses on the Iron Foundry and other jobs, you first directed that the works of the Iron Foundry should be stopped from 1st September last. This step, I have much pleasure to state, has proved highly satisfactory inasmuch as, instead of the heavy annual losses in the manufacture of castings, it has resulted in a profit of about Rs. 3,500 in the last 9 months. Your further direction during the current year to do away with the existing system of charging lump sums for repairs and construction of carts and other jobs, and to charge instead only actuals *plus* a fixed uniform percentage to cover cost of supervision, repairs, &c., will tend to prevent the surcharges for Departmental Works, and thereby the imaginary workshop profits would disappear. Under this system the cost of the works should be lower than what outsiders would demand for their execution as the Workshop Superintendent will have, free of charge, the benefit of the stores Establishment, the use of the valuable workshop and store-shed premises, and the expensive plant and machinery, and as he also will not have to pay any interest on the capital advanced for payment of labor and stores required for the works.

Should, however, under the improved system, the cost of the works turned out by the shops happen to be more expensive than what they could be done for by private firms who have not all the above advantages of the Superintendent, but have to earn a fair profit for themselves in addition to paying rent for their shop premises, and interest on capital required for plant and machinery, and working expenses, it would be time enough to consider whether the workshops should not be entirely closed and leased or sold as may be most advantageous to the Municipality, letting our repair and other work by contract, or otherwise as is done by mills and shipowners, &c., when there is at present no lack of large private concerns able to undertake such works.

The outstandings were reduced from Rs. 35,939-13-2 at the close of 1886-87 to Rs. 22,477-7-4 on 31st March 1888. Of these, Rs. 6,988-4-6 remain unadjusted for work done from 1881 to 1886-87, Rs. 11,553-1-9 for that done in the past year, and the balance for incomplete works. An effort should be made to get these adjusted in the current year, as there ought to be no outstanding on account of departmental works as formerly, except for incomplete jobs.

The shop and supervision charges were 22·4 per cent. and 10·9 per cent. in last year against 14·6 per cent. and 6·6 per cent. in 1886-87. The large increase in the percentages was due to these charges not being decreased to the extent of the reduction in the quantity of work done in the shops during the past year. I trust, however, the Superintendent will be able to make some reductions in these charges without impairing the efficiency of the shops.

GENERAL REMARKS.

From the following statement, it will be observed that the sums disbursed through the Paymaster are annually increasing. They amounted to Rs. 13,09,592 last year against Rs. 8,40,451 in 1873:

Year.	Payments.	Savings.
	Rs.	Rs.
1872	In this year there was no Paymaster.	2,177
1873	8,40,451	3,098
1874	8,50,000	4,246
1875	8,56,265	3,751
1876	8,62,202	3,395
1877	9,43,565	4,077
1878	9,84,255	9,233—4,300
1879	10,35,050	3,800
1880	10,18,476	3,244
1881	10,14,139	3,478
1882 1st Qr. of 1883	10,27,034 2,63,746	3,792
1883-84	11,32,907	3,427
1884-85	12,20,854	3,021
1885-86	13,01,935	4,143
1886-87	12,73,988	1,120
1887-88	13,09,592	4,294

The figures in the margin show that the cash transactions of the year amounted, to over Rs. 2½ krores which, together with adjustments, aggregated nearly 4¼ krores of Rupees against 5 krores in 1886-87 (which included items of about 3¼ krores for adjustments chiefly on account of Vehar Debt and Liabilities on account of all Water Works Loans adjusted for the first time in the Water Works accounts), and against

Cash received.	Rs.	1,27,98,391	12 1
„ paid.....	„	1,26,92,392	10 3
	Rs.	2,54,90,784	6 4
Adjustments	„	1,66,76,840	10 11
Total...	Rs.	4,21,67,625	1 3

Rs.	209½ lakhs	in 1885-86
„	134½ „	1884-85
„	117½ „	1883-84
„	140½ „	15 months ending 31st March 1883.
„	175 „	1881
„	125 „	1880
„	108 „	1879
„	171 „	1878
„	109 „	1877
„	81 „	1876
„	82 „	1875
„	76 „	1874

Year.	No. of Certificates passed.	Amounts actually paid. Rs.	a.	p.
1873	3,186	54,019	15	6
1874	4,467	98,489	3	0
1875	6,555	1,42,202	1	0
1876	7,259	1,83,850	10	0
1877	7,987	1,95,729	4	5
1878	12,754	2,45,965	10	0
1879	16,374	3,00.393	12	0
1880	16,031	2,90,350	10	0
1881	17,651	5,60,512	14	0
1882	15,878	5,66,795	4	0
1st Qr. of 1883	4,643	1,31,195	12	0
1883-84	16,023	5,74,092	4	0
1884-85	22,573	6,55,095	15	0
1885-86	18,760	6,85,742	10	0
1886-87	23,299	9,49,296	8	0
1887-88	28,835	11,16,161	12	0

The marginal figures indicate that the number of Refund claims passed and the amount paid last year was over nine, and twenty-one times of that passed and paid in 1873.

The largest number of claims paid in one single day was 242.

The number of Receipt, Disbursement and Adjustment vouchers received, scrutinized, passed, paid and adjusted by this Department during the past year, are given in the following table, from which it will be seen that the total number of vouchers for the last year was nearly three times that in 1876 :—

Year.	No. of Receipt Vouchers.		No. of Disbursement Vouchers.		Total.
1876	4,862	+	12,045	=	16,907
1877	5,013	+	14,384	=	19,397
1878	5,511	+	18,731	=	24,242
Average per annum for the 5 years ending					
1883-84	5,946	+	25,798	=	31,744
1884-85	6,942	+	32,516	=	39,458
1885-86	6,855	+	30,495	=	37,350
1886-87	7,040	+	36,209	=	43,249
1887-88	7,197	+	42,054	=	49,251

The inward letters, exclusive of 19,824 Ward remittance reports and 49,251 vouchers received during the past year numbered 10,405 against 2,250 in 1875. The number of outward letters, exclusive of 476 intimations to contractors was 3,367 against 1301 in 1875.

Bonds for the Tansa, Sanitary Works, and Drainage and Water Works Loans raised during the past year were issued as under :—

2ND INSTALMENT OF THE TANSA LOAN.

3,780	bonds of	Rs.	500	each	Rs.	18,90,000
725	"	"	1,000	"	"	7,25,000
5	"	"	2,000	"	"	10 000
10	"	"	2,500	"	"	25,000
60	"	"	5,000	"	"	3,00,000
5	"	"	10,000	"	"	50,000
4,585						30.00,000

7 Lakhs Sanitary Works Loan.

100	bonds of	Rs.	500	each Rs.	50,000
200	„	„	1,000	„ „	2,00,000
90	„	„	5,000	„ „	4,50,000
390					7,00,000

1st Instalment of the Drainage and Water Works Loan of 1888 of 12 Lakhs.

16	bonds of	Rs.	500	each Rs.	8,000
27	„	„	1,000	„ „	27,000
113	„	„	5,000	„ „	5,65,000
156					6,00,000

It will be seen that only 5,131 bonds in all were issued as the purchasers in several cases preferred to have debentures of multiples of Rs. 500; otherwise we would have had to issue 8,600 bonds, if they insisted upon getting each debenture for the fixed sum of Rs. 500 as was the case in and prior to 1885-86.

Notwithstanding the transfer of the work of payment of the interest due on Municipal Debentures to the Bank of Bombay, this Department had to receive the moneys of the loans raised, grant receipts for them, and to do all work in connection with the preparation, the stamping and the issue of the debentures to the respective purchasers. This Department had also to look to the investments of the unexpended balances, and the Sinking Funds of the various loans and to the repayment of the loans or portions of loans that become repayable in each year. The great responsibility of such work and that described in the preceding pages will not be disputed. The considerably heavy annual increase in the work of this office compelled me, my Assistants and a greater portion of my establishment to work for considerably prolonged hours, and sacrifice almost every holiday and well earned privilege leave. Notwithstanding all this, I find the establishment is now not strong enough to cope with such steadily increasing work. The records and other work often fell into arrears, and signs of inefficiency crept in for want of proper supervision. I think, therefore, it would be well to strengthen the establishment which has already performed the annually increasing and responsible work devolving upon it with zeal and credit to itself.

I would here respectfully suggest that the Corporation may be requested to decide the mode of adjusting the premia on our Loans and of the investment of the Sinking Funds. I think it would be well either to invest the premia received, along with the Sinking Fund, or to raise so much less loan. Otherwise our Sinking Fund instalments, which are calculated to clear the debt in the fixed number of years when invested at par at 5 per cent, will not be sufficient if we have to buy our debentures at 9 per cent premium or upwards.

In the event of our raising loans annually, perhaps it would be well to issue at par such amount as is required for the Sinking Funds. But in some years we may not have to raise loans sufficiently large to cover the amount required for the various Sinking Funds.

I would also suggest for simplicity in accounts to have one Sinking Fund at the Bank of Bombay for all the loans as the number of such funds would be considerably increased in a few years owing to the recent ruling of the Corporation to carry out all new works in excess of a lakh of Rupees per annum from Loan Funds.

I regret this Report could not be forwarded to you earlier as the last year's accounts could not be closed until the receipt of all the adjustment vouchers, stock returns, sanctions, &c. The last voucher was received on the 4th ultimo, the last stock return on the 7th idem, the last sanction on the 10th idem, and the last list of lapsed grants on the 21st idem.

It was only by constant application and hard work that my Department has been able to close the accounts, adjust the intricate stock returns, and furnish you with this Report and the numerous voluminous account and other returns in so short a time after the receipt of the abovementioned documents, &c. These delays in the closing of accounts could be avoided, if the monthly vouchers, statements, &c., are regularly submitted to this office. I had on numerous occasions to complain of the delay in the submission of these vouchers and in applying for proper sanctions for unauthorised expenditure, notwithstanding the repeated requests of this office to do so. On its also being pointed out to you that this latter practice was contrary to the repeated orders of the Town Council, the Corporation and successive Municipal Commissioners, you have recently directed that you will hold pecuniarily responsible the officer incurring such excesses without previous sanction.

If this order were strictly enforced and if the rules lately framed for the conduct of the account and correspondence work in the Engineer's Office were rigidly carried out with the assistance of the extra establishment, specially allowed to the Engineer's Department on the grounds of increased work, I trust there would be no occasion hereafter to complain about unauthorized excesses and long delays in replying to references, and submission of account vouchers and statements.

Before closing I have only one more suggestion to make. Now that the Corporation have resolved that all permanent works or extensions of existing works, and not their renewals, should be met out of Loans, and that all renewals, repairs and maintenance of existing works should be met from current revenue, the Engineer's estimates for such works should be prepared before the Budget is framed or before additional grants or transfers are applied for, showing the details required to enable me either to insert the works

in their proper place in the Budget or to report on applications for additional grants as to how the cost of the proposed works should be met.

The previous practice of framing estimates in some cases after the works were sanctioned by the Corporation or Town Council and in others long after the works were commenced was objectionable in itself, and which, on my representation, you directed to be discontinued as far as practicable, but it would be more so now as it would be almost impracticable to provide for funds under the proper heads without estimates, showing the necessary details.

Finally, I have to record my deep sense of obligation to my Assistants, Messrs. Maneckshaw Cawashaw, Dadaji Bhanaji and Bal Nilaji, and the establishment generally, for their able and cordial assistance rendered to me in the performance of the various duties of this Department.

I have the honour to be,

Sir,

Your most obedient Servant,

SORABJI NAVAROJI COOPER,

Controller of Municipal Accounts.

BOMBAY, 7*th August* 1888.

APPENDICES

TO THE

CONTROLLER OF MUNICIPAL ACCOUNTS' REPORT FOR 1887-88.

6% LOCAL LOANS

No.

STATEMENT showing the Amount of Interest payable half-yearly in Bombay,

	HOUSE RATE LOAN.												MARKET
	Bombay.			London.			Madras.			Calcutta.			Bombay.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
2nd Half-year of 1867...	.....			.....			.....			.....			6,147	9	2
1st do. do. of 1868...	4,932	9	2	2,889	15	1	551	6	6	1,762	5	6	10,500	0	0
2nd do. do. of 1868 ..	15,027	5	3	12,219	1	3	1,710	0	0	3,918	10	6	8,895	0	0
1st do. do. of 1869...	13,665	0	0	14,625	0	0	1,200	0	0	4,200	0	0	7,875	0	0
2nd do. do. of 1869...	12,555	0	0	15,180	0	0	1,200	0	0	4,755	0	0	8,040	0	0
1st do. do. of 1870...	12,330	0	0	15,930	0	0	1,200	0	0	4,230	0	0	8,085	0	0
2nd do. do. of 1870...	11,385	0	0	17,220	0	0	1,200	0	0	3,885	0	0	7,500	0	0
1st do. do. of 1871...	11,580	0	0	17,130	0	0	1,200	0	0	3,780	0	0	7,425	0	0
2nd do. do. of 1871...	11,730	0	0	17,280	0	0	1,200	0	0	3,480	0	0	7,425	0	0
1st do. do. of 1872...	11,310	0	0	17,880	0	0	1,200	0	0	3,300	0	0	7,695	0	0
2nd do. do. of 1872...	10,920	0	0	18,270	0	0	1,200	0	0	3,300	0	0	7,545	0	0
1st do. do. of 1873...	10,785	0	0	18,405	0	0	1,200	0	0	3,300	0	0	7,485	0	0
2nd do. do. of 1873...	11,085	0	0	18,165	0	0	1,200	0	0	5,240	0	0	7,470	0	0
1st do. do. of 1874...	10,845	0	0	18,405	0	0	1,200	0	0	3,240	0	0	7,350	0	0
2nd do. do. of 1874...	10,755	0	0	18,705	0	0	1,200	0	0	3,030	0	0	6,480	0	0
1st do. do. of 1875...	10,755	0	0	18,705	0	0	1,200	0	0	3,030	0	0	6,330	0	0
2nd do. do. of 1875...	9,735	0	0	19,725	0	0	1,200	0	0	3,030	0	0	6,075	0	0
1st do. do. of 1876...	9,195	0	0	20,265	0	0	1,200	0	0	3,030	0	0	5,655	0	0
2nd do. do. of 1876...	8,610	0	0	20,850	0	0	1,200	0	0	3,030	0	0	5,505	0	0
1st do. do. of 1877...	7,890	0	0	21,870	0	0	1,200	0	0	2,730	0	0	5,130	0	0
2nd do. do. of 1877...	7,455	0	0	22,305	0	0	1,200	0	0	2,730	0	0	5,025	0	0
1st do. do. of 1878...	7,005	0	0	22,755	0	0	1,200	0	0	2,730	0	0	4,575	0	0
2nd do. do. of 1878...	6,840	0	0	22,920	0	0	1,200	0	0	2,730	0	0	4,470	0	0
1st do. do. of 1879...	6,030	0	0	23,730	0	0	1,200	0	0	2,730	0	0	4,170	0	0
2nd do. do. of 1879...	6,045	0	0	23,715	0	0	1,200	0	0	2,730	0	0	4,140	0	0
1st do. do. of 1880...	6,090	0	0	23,670	0	0	1,200	0	0	2,730	0	0	3,990	0	0
2nd do. do. of 1880...	6,240	0	0	23,520	0	0	1,200	0	0	2,730	0	0	3,990	0	0
1st do. do. of 1881...	5,850	0	0	23,910	0	0	1,200	0	0	2,730	0	0	3,945	0	0
2nd do. do. of 1881...	5,910	0	0	23,850	0	0	1,200	0	0	2,730	0	0	4,185	0	0
1st do. do. of 1882...	5,610	0	0	24,150	0	0	1,200	0	0	2,730	0	0	3,945	0	0
2nd do. do. of 1882...	5,580	0	0	24,180	0	0	1,200	0	0	2,730	0	0	3,945	0	0
1st do. do. of 1883...	5,280	0	0	24,480	0	0	1,200	0	0	2,730	0	0	3,945	0	0
2nd do. do. of 1883...	5,205	0	0	24,555	0	0	1,200	0	0	2,730	0	0	3,900	0	0
1st do. do. of 1884...	5,625	0	0	24,135	0	0	1,200	0	0	2,730	0	0	3,900	0	0
2nd do. do. of 1884...	5,565	0	0	24,195	0	0	1,200	0	0	2,730	0	0	3,345	0	0
1st do. do. of 1885...	6,465	0	0	23,295	0	0	1,200	0	0	2,730	0	0	3,570	0	0
2nd do. do. of 1885...	5,040	0	0	24,720	0	0	1,200	0	0	2,730	0	0	3,330	0	0
1st do. do. of 1886...	4,965	0	0	24,795	0	0	1,200	0	0	2,730	0	0	3,330	0	0
2nd do. do. of 1886..	4,965	0	0	24,795	0	0	1,200	0	0	2,730	0	0	3,330	0	0
1st do. do. of 1887...	5,655	0	0	24,765	0	0	1,200	0	0	2,730	0	0	3,255	0	0
2nd do. do. of 1887...	4,710	0	0	24,585	0	0	1,200	0	0	2,730	0	0	3,993	1	2
Total...Rs.	3,27,219	14	5	8,26,744	0	4	47,861	6	6	1,21,601	0	0	2,26,890	10	4

	Debt where held on 31st December 1886.			Debt where held on 31st December 1887.			Debt where held on 31st March 1888.		
	Rs.	a.	p.	Rs.	a.	p	Rs.	a.	p.
Bombay	2,93,500	0	0	1,91,000	0	0	1,90,000	0	0
London.....	12,80,000	0	0	11,03,000	0		10,48,500	0	0
Calcutta	1,24,500	0	0	1,24,500	0	0	1,24,500	0	0
Madras.....	40,000	0	0	40,000	0	0	40,900	0	0
Total...Rs.	17,38,000	0	0	14,58,500	0	0	14,03,000	0	0

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

(Rs. 17,38,000).*

1 A.

London, Madras, and Calcutta since the various Loans were raised.

Loan.			Supplementary Market Loan.				Total.
London.	Madras.	Calcutta.	Bombay.	London.	Madras.	Calcutta.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
.....	.....	.....	.....	.....	.....	.....	6,147 9 2
.....	.....	.....	.....	.....	.....	.....	20,636 4 3
835 0 0	300 0 0	420 0 0	1,855 12 7	1,435 11 3	184 1 4	2,370 11 10	49,221 6 0
1,575 0 0	300 0 0	750 0 0	2,850 0 0	2,550 0 0	.....	2,550 0 0	52,140 0 0
1,635 0 0	300 0 0	525 0 0	2,970 0 0	3,000 0 0	.....	1,980 0 0	52,140 0 0
1,515 0 0	300 0 0	600 0 0	3,000 0 0	2,910 0 0	.....	2,040 0 0	52,140 0 0
2,670 0 0	300 0 0	30 0 0	2,430 0 0	3,600 0 0	.....	1,920 0 0	52,140 0 0
2,760 0 0	300 0 0	15 0 0	2,130 0 0	3,900 0 0	.....	1,920 0 0	52,140 0 0
2,760 0 0	300 0 0	15 0 0	2,175 0 0	3,900 0 0	.....	1,875 0 0	52,140 0 0
2,790 0 0	.....	15 0 0	2,565 0 0	3,510 0 0	.....	1,875 0 0	52,140 0 0
2,940 0 0	.....	15 0 0	2,565 0 0	3,510 0 0	.....	1,875 0 0	52,140 0 0
3,000 0 0	.....	15 0 0	2,415 0 0	3,660 0 0	.....	1,875 0 0	52,140 0 0
3,015 0 0	.....	15 0 0	2,340 0 0	3,735 0 0	.....	1,875 0 0	52,140 0 0
3,150 0 0	.....	.....	2,490 0 0	4,365 0 0	.....	1,095 0 0	52,140 0 0
4,020 0 0	.....	.....	2,040 0 0	4,905 0 0	.....	1,005 0 0	52,140 0 0
4,170 0 0	.....	.....	2,010 0 0	4,935 0 0	.....	1,005 0 0	52,140 0 0
4,425 0 0	.....	.....	1,740 0 0	5,205 0 0	.....	1,005 0 0	52,140 0 0
4,845 0 0	.....	.....	1,440 0 0	5,505 0 0	.....	1,005 0 0	52,140 0 0
4,995 0 0	.....	.....	1,410 0 0	5,535 0 0	.....	1 005 0 0	52,140 0 0
5,370 0 0	.....	.....	1,410 0 0	5,535 0 0	.....	1,005 0 0	52,140 0 0
5,475 0 0	.....	.....	1,485 0 0	5,460 0 0	.....	1,005 0 0	52,140 0 0
5,925 0 0	.....	.....	990 0 0	5,955 0 0	.....	1,005 0 0	52,140 0 0
6,030 0 0	.....	.....	990 0 0	5,955 0 0	.....	1,005 0 0	52,140 0 0
6,330 0 0	.....	.....	870 0 0	6,075 0 0	.....	1,005 0 0	52,140 0 0
6,360 0 0	.....	.....	690 0 0	6,255 0 0	.....	1,005 0 0	52,140 0 0
6,510 0 0	.....	.....	690 0 0	6,255 0 0	.....	1,005 0 0	52,140 0 0
6,510 0 0	.....	.....	690 0 0	6,255 0 0	.....	1,005 0 0	52,140 0 0
6,555 0 0	.....	.....	630 0 0	6,315 0 0	.....	1,005 0 0	52,140 0 0
6,315 0 0	.....	.....	630 0 0	6,315 0 0	.....	1,005 0 0	52,140 0 0
6,555 0 0	.....	.....	600 0 0	6,345 0 0	.....	1,005 0 0	52,140 0 0
6,555 0 0	.....	.....	600 0 0	6,345 0 0	.....	1,005 0 0	52,140 0 0
6,555 0 0	.....	.....	510 0 0	6,435 0 0	.....	1,005 0 0	52,140 0 0
6,600 0 0	.....	.....	510 0 0	6,435 0 0	.....	1,005 0 0	52,140 0 0
6,600 0 0	.....	.....	615 0 0	6,330 0 0	.....	1,005 0 0	52,140 0 0
7,155 0 0	.....	.....	540 0 0	6,405 0 0	.....	1,005 0 0	52,140 0 0
6,930 0 0	.....	.....	870 0 0	6,075 0 0	.....	1,005 0 0	52,140 0 0
7,170 0 0	.....	.....	510 0 0	6,435 0 0	.....	1,005 0 0	52,140 0 0
7,170 0 0	.....	.....	510 0 0	6,435 0 0	.....	1,005 0 0	52,140 0 0
7,170 0 0	.....	.....	510 0 0	6,435 0 0	.....	1,005 0 0	52,140 0 0
7,125 0 0	.....	.....	600 0 0	6,420 0 0	.....	1,005 0 0	52,755 0 0
.....	.....	.....	270 0 0	6,420 0 0	.....	1,005 0 0	44,913 1 2
1,88,115 0 0	2,100 0 0	2,415 0 0	54,145 12 7	2,03,050 11 3	184 1 4	50,385 11 10	20,50,713 4 7

* Market Loan..... Rs. 3,50,000
Do. Supplementary ..... „ 2,65,000
—Rs. 6,15,000
House Rate Loan ..... „ 11,23,000
Rs. 17,38,000

F. L. CHARLES,
Acting Municipal Commissioner.

6% LOCAL

No.

STATEMENT showing the Interest outstanding on the Amount paid during that year, and

	1879, 1st Half-year due 1st July 1879.			1882, 1st Half-year due 1st July 1882.	1882, 2nd Half-year due 1st Jan. 1883.	1883, 1st Half-year due 1st July 1883.	1883, 2nd Half-year due 1st Jan. 1884.		1884, 1st Half-year due 1st July 1884.		1884, 2nd Half-year due 1st January 1885.		
	House Rate Loan.	Market Loan.	Supplementary Market Loan.	Supplementary Market Loan.	Supplementary Market Loan.	Supplementary Market Loan.	House Rate Loan.	Supplementary Market Loan.	House Rate Loan.	Supplementary Market Loan.	House Rate Loan.	Market Loan.	Supplementary Market Loan.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
To Outstanding Balance on 1st April 1887	165	105	30	...	...	...	60	...	60	...	60	...	...
Interest payable for the year 1887-88	...	...	...	...	...	...	...	...	...	...	...	...	...
Total... Rs.	165	105	30	...	...	...	60	...	60	...	60	...	...
Payment made in 1887-88	...	...	...	...	...	...	60	...	60	...	60	...	...
Balance Outstanding on 31st March 1888.....	165	105	30	...	...	...	...	...	...	...	...	...	...

DETAILED ABSTRACT of Outstanding Balance due on 31st March 1888.

	1879.	1885.		1886.		1887.	Arrears.	Current.	TOTAL.
	1st Half-year.	1st Half-year.	2nd Half-year.	1st Half-year.	2nd Half-year.	1st Half-year.		2nd Half-year.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.
House Rate Loan.....	165	...	...	180	180	270	795	660 0 0	1,455 0 0
Market Loan.....	105	15	5	15	15	75	240	171 6 6	411 6 6
Supplementary Market Loan	30	...	...	...	15	150	195	255 0 0	450 0 0
Total... Rs.	300	15	15	195	210	495	1,230	1,086 6 6	2,316 6 6

SORABJI NAVAROJI COOPER,

Controller of Municipal Accounts.

LOANS (Rs. 17,38,000).

1-B.

1st April 1887, the Amount payable for the year 1887-88,
the Balance outstanding on 31st March 1888.

1885, 1st Half-year due 1st July 1885.			1885, 2nd Half-year due 1st January 1886.			1886, 1st Half-year due 1st July 1886.			1886, 2nd Half-year due 1st January 1887.			1887, 1st Half-year due 1st July 1887.			1887, 2nd Half-year due 1st January 1888.			TOTAL.
House Rate Loan.	Market Loan.	Supplementary Market Loan.	House Rate Loan.	Market Loan.	Supplementary Market Loan.	House Rate Loan.	Market Loan.	Supplementary Market Loan.	House Rate Loan.	Market Loan.	Supplementary Market Loan.	House Rate Loan.	Market Loan.	Supplementary Market Loan.	House Rate Loan.	Market Loan.	Supplementary Market Loan.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.	Rs.	Rs. a. p.
60	15	...	60	15	...	510	30	90	675	120	150	...	...	...	...	...	...	2,205 0 0
...	...	...	...	...	...	...	...	...	...	...	...	33,690	10,500	7,950	33,690	3,999-7-8	7,950	97,779 7 8
60	15	...	60	15	...	510	30	90	675	120	150	33,690	10,500	7,950	33,690	3,999-7-8	7,950	99,984 7 8
60	...	...	60	...	...	330	15	90	495	105	135	33,420	10,425	7,800	33,030	3,828-1-2	7,695	97,668 1 2
...	15	...	...	15	...	180	15	...	180	15	15	270	75	150	660	171-6-6	255	2,316 6 6

F. L. CHARLES,
Acting Municipal Commissioner.

BOMBAY 5% MUNICIPAL LOAN OF 1878 (Rs. 26,94,000).

No. 1 C.

STATEMENT showing the Amount of Interest and Principal annually payable in Bombay from December 1878.

	Principal.	Interest.	Total amount of payment on account of Interest.	Debentures repayable.		Total.
				No.	Amount.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
Interest paid up to 31st December 1878 to the Bank of Bengal in advance	26,94,000 0 0	16,837 0 0	16,837 0 0			16,837 0 0
Interest for the 1st Half of 1879	26,94,000 0 0	67,350 0 0				
Do. 2nd do.	26,94,000 0 0	67,350 0 0	1,34,700 0 0	44	In January 1880 22,000 0 0	1,56,700 0 0
Do. 1st Half of 1880	26,72,000 0 0	66,800 0 0				
Do. 2nd do.	26,72,000 0 0	66,800 0 0	1,33,600 0 0	47	In January 1881 23,500 0 0	1,57,100 0 0
Do. 1st Half of 1881	26,48,500 0 0	66,212 8 0				
Do. 2nd do.	26,48,500 0 0	66,212 8 0	1,32,425 0 0	49	In January 1882 24,500 0 0	1,56,925 0 0
Do. 1st Half of 1882	26,24,000 0 0	65,600 0 0				
Do. 2nd do.	26,24,000 0 0	65,600 0 0	1,31,200 0 0	52	In January 1883 26,000 0 0	1,57,200 0 0
Do. 1st Half of 1883	25,98,000 0 0	64,950 0 0				
Do. 2nd do.	25,98,000 0 0	64,950 0 0	1,29,900 0 0	54	In January 1884 27,000 0 0	1,56,900 0 0
Do. 1st Half of 1884	25,71,000 0 0	64,275 0 0				
Do. 2nd do.	25,71,000 0 0	64,275 0 0	1,28,550 0 0	57	In January 1885 28,500 0 0	1,57,050 0 0
Do. 1st Half of 1885	25,42,500 0 0	63,562 8 0				
Do. 2nd do.	25,42,500 0 0	63,562 8 0	1,27,125 0 0	60	In January 1886 30,000 0 0	1,57,125 0 0
Do. 1st Half of 1886	25,12,500 0 0	62,812 8 0				
Do. 2nd do.	25,12,500 0 0	62,812 8 0	1,25,625 0 0	62	In January 1887 31,000 0 0	1,56,625 0 0
Do. 1st Half of 1887	24,81,500 0 0	62,037 8 0				
Do. 2nd do.	24,81,500 0 0	62,037 8 0	1,24,075 0 0	66	In January 1888 *33,000 0 0	1,57,075 0 0
Balance on 31st March 1888	24,48,500 0 0					
			11,84,037 0 0	491	2,45,500 0 0	14,29,537 0 0

* 51 Debentures of the value of Rs. 25,500 only were paid off, as bonds for Rs. 7,500 which became repayable on 1st January 1888 were not presented for repayment up to the close of 1887-88.

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

F. L. CHARLES,
Acting Municipal Commissioner.

BOMBAY 5% MUNICIPAL LOAN OF 1878 (Rs. 26,94,000.)

No. 1 D.

STATEMENT showing the Amount of Interest outstanding on 1st April 1887, the Amount payable for the year 1887-88, the Amount paid during that year, and the Balance outstanding on 31st March 1888.

	1883.		1884.		1885.		1886.		1887.		TOTAL.
	1st Half-year, due 1st July 1883.	2nd Half-year, due 1st January 1884.	1st Half-year, due 1st July 1884.	2nd Half-year, due 1st January 1885.	1st Half-year, due 1st July 1885.	2nd Half-year, due 1st January 1886.	1st Half-year, due 1st July 1886.	2nd Half-year, due 1st January 1887.	1st Half-year, due 1st July 1887.	2nd Half-year, due 1st January 1888.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Outstanding Balance on 1st April 1887	12 8 0	12 8 0	12 8 0	37 8 0	250 0 0	262 8 0	775 0 0	2,200 0 0	.....	.....	3,562 8 0
Interest payable for the year 1887-88	.....	.....	.....	.....	.....	.....	.....	.....	62,037 8 0	62,037 8 0	1,24,075 0 0
Total Due...Rs.	12 8 0	12 8 0	12 8 0	37 8 0	250 0 0	262 8 0	775 0 0	2,200 0 0	62,037 8 0	62,037 8 0	1,27,637 8 0
Payment made in 1887-88 by the Municipality...	.....	.....	.....	.....	12 8 0	25 0 0	162 8 0	962 8 0	.....	.....	1,162 8 0
Do. by the Bank of Bombay	.....	.....	.....	25 0 0	225 0 0	225 0 0	537 8 0	1,162 8 0	61,050 0 0	57,700 0 0	1,20,925 0 0
Total Payment...Rs.	.....	.....	.....	25 0 0	237 8 0	250 0 0	700 0 0	2,125 0 0	61,050 0 0	57,700 0 0	1,22,087 8 0
Balance outstanding on 31st March 1888 .....Rs.	12 8 0	12 8 0	12 8 0	12 8 0	12 8 0	12 8 0	75 0 0	75 0 0	987 8 0	4,337 8 0	5,550 0 0

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

F. L. CHARLES,
Acting Municipal Commissioner.

BOMBAY 5% MUNICIPAL SANITARY WORKS LOAN OF 1885-86 (Rs. 44,00,000).

No. 1 E.

STATEMENT showing the Amount of Interest and Principal annually payable in Bombay from May 1885.

	Principal.	Interest.	Total amount of payment on account of Interest.	Debentures repayable.		TOTAL.
				No.	Amount.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
Interest from 5th May to 30th June 1885 on Rs. 1,56,000 raised in May and June 1885	.....	734 9 10				
Interest for the 2nd half of 1885 on	44,00,000 0 0	11,000 0 0				
			11,734 9 10	.....	.....	11,734 9 10
Do. 1st half of 1886 on	44,00,000 0 0	1,10,000 0 0				
Do. 2nd half of 1886 on	43,93,000 0 0	1,09,825 0 0			1st July 1886.	
			2,19,825 0 0	14	7,000 0 0	2,26,825 0 0
Do. 1st half of 1887 on	43,93,000 0 0	1,09,825 0 0				
Do. 2nd half of 1887 on	39,50,000 0 0	98,750 0 0			1st July 1887.	
			2,08,575 0 0	886	4,43,000 0 0	6,51,575 0 0
			4,40,134 9 10	900	4,50,000 0 0	8,90,134 9 10

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

F. L. CHARLES,
Acting Municipal Commissioner.

No. 1 F.

BOMBAY 5% MUNICIPAL SANITARY WORKS LOAN OF 1885-86 (Rs. 44,00,000).

STATEMENT showing the Amount of Interest outstanding on 1st April 1887, the Amount payable for the year 1887-88, the Amount paid during that year, and the Balance outstanding on 31st March 1888.

	1885.	1886.		1887.		TOTAL.
	2nd Half-year, due 1st Jan. 1886.	1st Half-year, due 1st July 1886.	2nd Half-year, due 1st Jan. 1887.	1st Half-year, due 1st July 1887.	2nd Half-year, due 1st Jan. 1888.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Outstanding Balance on 1st April 1887.....	837 8 0	1,025 0 0	13,325 0 0	.....	.....	15,187 8 0
Interest payable for the year 1887-88	.....	.....	.....	1,09,825 0 0	98,750 0 0	2,08,575 0 0
Total due...Rs.	837 8 0	1,025 0 0	13,325 0 0	1,09,825 0 0	98,750 0 0	2,23,762 8 0
Payment made in1887-88 by the Municipality.	162 8 0	237 8 0	2,637 8 0	.....	.....	3,037 8 0
Do. by the Bank of Bombay...	550 0 0	612 8 0	9,525 0 0	1,08,225 0 0	90,125 0 0	2,09,037 8 0
Total payment...Rs.	712 8 0	850 0 0	12,162 8 0	1,08,225 0 0	90,125 0 0	2,12,075 0 0
Balance Outstanding on 31st March 1888.....	125 0 0	175 0 0	1,162 8 0	1,600 0 0	8,625 0 0	11,687 8 0

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

F. L. CHARLES,
Acting Municipal Commissioner.

No. 1 G.

5% Tansa Loan 1st and 2nd Instalments of 17 lakhs and 30 lakhs raised in 1886-87 and 1887-88 against the total sum of Rs. 1,23,00,000 required for the Tansa Water Works.

STATEMENT showing the Interest outstanding on 1st April 1887, the Amount payable for the year 1887-88, the Amount paid during that year, and the Balance outstanding on 31st March 1888.

	1886-87.		1887-88.	TOTAL.
	Half-year, due 1st October 1886.	Half-year, due 1st April 1887.	Half-year, due 1st October 1887.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Outstanding Balance on 1st April 1887	18,800 0 0	.....	.....	18,800 0 0
Interest payable for the year 1887-88 on 17 lakhs	.....	42,500 0 0	42,500 0 0	85,000 0 0
Do. do. on 10 lakhs from 10th August to 31st October 1887 ...	.....	.....	11,369 13 9	11,369 13 9
Total due...Rs.	18,800 0 0	42,500 0 0	53,869 13 9	1,15,169 13 9
Payment made in 1887-88 by the Municipality	8,662 8 0	26,037 8 0	*11,369 13 9	46,069 13 9
Do. by the Bank of Bombay.	9,737 8 0	15,287 8 0	36,875 0 0	61,900 0 0
Total payment...Rs.	18,400 0 0	41,325 0 0	48,244 13 9	1,07,969 13 9
Balance Outstanding on 31st March 1888	400 0 0	1,175 0 0	5,625 0 0	7,200 0 0

* This interest due on 10 lakhs was paid by the Municipality and the remaining 20 lakhs having been raised between 1st November 1887 and 1st January 1888, the interest thereon was not due until April 1888.

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

F. L. CHARLES,
Acting Municipal Commissioner.

No. 2.

ticles upon which Town Duty was levied under Act IV. of 1869 for 1887-88.

T 7 Annas Cwt.		Ghee at 10 Annas per Maund.		Timber at 2½ per Cent.		Firewood at 2 Annas per Candy.		Petroleum as defined in the Petroleum Act XII. of 1886 at 6 Pies per Gallon.		Total Monthly Collections.
Amount of Duty.		Maunds and Seers.	Amount of Duty.	Value.	Amount of Duty.	Candies and Maunds.	Amount of Duty.	Gallons and Pints.	Amount of Duty.	
Rs. a. p.			Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.		Rs. a. p.	Rs. a. p.
63,065 12 6		8,433 0	5,270 10 0	4,48,171 14 0	11,204 4 9	84,621 10	10,577 11 0	3,95,640 0	12,363 12 0	1,42,797 9 6
33,740 15 9		7,060 10	4,412 10 6	3,10,834 6 0	7,770 13 9	69,330 0	8,728 12 0	16,73,182 0	52,285 15 0	1,39,683 15 9
27,712 11 6		5,093 32	3,183 10 0	4,63,798 2 0	11,594 15 3	3,455 5	431 14 6	1,68,925 0	5,260 2 6	76,803 6 2
32,301 10 6		4,137 24	2,586 0 0	2,45,174 6 0	6,129 5 9	389 5	48 10 6	104 0	3 4 0	73,300 4 9
26,228 0 3		4,973 0	3,108 2 0	5,69,935 6 8	14,248 6 2	1,226 10	153 5 0	1,798 0	56 3 0	67,938 3 11
45,505 2 3		1,751 30	1,094 13 6	1,03,276 0 8	2,581 14 5	10,253 15	1,281 11 6	34,192 0	1,068 8 0	77,498 7 5
38,065 10 9		2,961 0	1,850 10 0	3,72,523 15 4	9,313 1 7	44,187 0	5,523 6 0	19,846 0	620 3 0	81,789 12 4
33,877 11 6		3,795 37	2,372 7 3	4,26,310 3 4	10,657 12 1	43,502 15	5,437 13 6	40,172 0	1,255 6 0	81,867 1 7
80,615 2 0		5,227 20	3,267 3 0	5,84,083 5 4	14,602 1 4	54,770 12	6,846 5 3	47,076 0	1,471 2 0	1,47,399 11 4
68,374 1 9		6,189 31	3,868 9 9	5,78,648 15 4	14,466 3 7	60,316 15	7,539 9 6	2,14,884 0	6,715 2 0	1,43,420 13 0
50,089 1 3		6,378 17	3,986 8 3	3,81,575 6 8	9,539 6 2	78,297 15	9,787 3 6	1,29,188 0	4,037 2 0	1,15,916 7 8
88,865 13 0		8,925 5	5,578 3 3	6,97,495 3 4	17,437 6 1	1,05,939 10	13,242 7 0	6,91,054 0	21,595 7 0	1,93,074 13 4
5,88,441 13 0		64,927 6	40,579 7 6	51,81,827 4 8	1,29,545 10 11	5,56,790 12	69,598 13 3	34,15,461 0	1,06,733 2 6	13,41,490 10 9
437 3 0		17,163 0	10,726 14 0	14,790 0 0	369 12 0	6,140 0	767 8 0	.....	.....	1,26,130 11 0
662 13 0		9,386 24	5,866 10 0	7,190 0 0	179 12 0	4,736 0	592 0 0	.....	.....	1,23,659 8 0
299 3 0		12,691 0	7,931 14 0	6,145 0 0	153 10 0	4,572 10	571 9 0	.....	.....	91,472 1 0
490 10 0		8,056 0	5,035 0 0	890 0 0	22 4 0	1,044 0	130 8 0	.....	.....	24,867 12 0
192 8 0		6,290 0	3,931 4 0	960 0 0	24 0 0	1,956 0	244 8 0	.....	.....	18,885 13 0
618 13 0		11,453 20	7,158 7 0	470 0 0	11 12 0	5,068 0	633 8 0	.....	.....	24,603 3 0
210 12 0		12,809 0	8,005 10 0	200 0 0	5 0 0	2,463 10	307 15 0	.....	.....	30,725 6 0
229 11 0		22,364 36	13,978 1 0	212 8 0	5 5 0	2,925 10	365 11 0	.....	.....	49,586 8 0
1,878 13 0		25,359 32	15,849 14 0	2,045 0 0	51 2 0	3,636 0	454 8 0	.....	.....	47,287 4 0
561 3 0		22,568 12	14,105 8 0	6,095 0 0	152 6 0	4,885 10	610 11 0	.....	.....	36,688 4 0
779 13 0		19,721 0	12,325 10 0	6,460 0 0	161 8 0	4,378 10	547 5 0	.....	.....	31,294 6 0
757 5 0		12,532 16	7,832 12 0	10,215 0 0	255 6 0	4,246 0	530 12 0	.....	.....	48,415 9 0
7,118 11 0		1,80,395 20	1,12,747 3 0	55,672 8 0	1,391 13 0	46,051 10	5,756 7 0	.....	.....	6,53,566 5 0

5 11 0	8,104 20	5,065 5 0	215 0 0	5 5 0	1,098 10	151 1 0	.....	.....	6,882 7 0
2 8 0	8,769 0	5,480 10 0	400 0 0	10 0 0	999 10	124 15 0	.....	.....	20,962 0 0
12 4 0	7,992 0	4,995 0 0	905 0 0	22 10 0	636 0	79 8 0	.....	.....	19.965 2 0
0 11 0	8,836 20	5,522 13 0	185 0 0	4 10 0	159 10	19 15 0	.....	.....	6,900 11 0
15 5 0	11,768 0	7,355 0 0	40 0 0	1 0 0	249 10	31 8 0	.....	.....	8,607 8 0
8 2 0	8,990 0	5,618 12 0	385 0 0	9 10 0	378 10	47 5 0	.....	.....	8,212 5 0
2 14 0	7,820 0	4,887 8 0	435 0 0	10 14 0	198 10	24 13 0	.....	.....	6,005 3 0
11 6 0	5,965 0	3,728 2 0	280 0 0	7 0 0	.....	.....	.....	.....	4,834 0 0
41 2 0	9,357 0	5,848 2 0	495 0 0	12 6 0	548 10	68 9 0	.....	.....	7,586 6 0
35 11 0	9.745 20	6,090 15 0	185 0 0	3 6 0	613 10	76 11 0	.....	.....	7,163 6 0
20 13 0	9,872 0	6,170 0 0	380 0 0	9 8 0	1,194 0	149 4 0	.....	.....	7,153 4 0
22 9 0	7,581 0	4,738 2 0	345 0 0	8 10 0	331 0	41 6 0	.....	.....	6,970 0 0
178 11 0	1,04,800 20	65,500 5 0	4,200 0 0	105 0 0	6,357 0	794 10 0	.....	.....	1,11,742 4 0
5,95,739 3 0	3,50,123 6	2,18,826 15 6	52,41,699 12 8	1,31,042 7 11	6,09,199 2	76,149 14 3	34,15,461 0	1,06,783 2 6	21,06,799 3 9
3,93,154 1 0	27,359 32	17,099 14 0	7,61,130 0 0	19,028 4 0	.....	.....	34,26,102 0	1,07,065 11 0	10,94,464 10 0
2,02,585 2 0	3,22,763 14	2,01,727 1 6	44,80,569 12 8	1,12,014 3 11	6,09,199 2	76,149 14 3	.....	.....	10,12,667 2 3
.....	.....	.....	.....	.....	.....	.....	10,641 0	332 8 6	332 8 6
								Net Revenue.....	10,12,334 9 9

	Rs. a. p.	Rs. a. p.	Rs. a. p.
.....	.....	10,820 6 3	
.....	.....	43,441 2 0	
.....	.....	487 9 0	
			54,749 1 3
.....	.....	13,41,490 10 9	
.....	.....	6,53,566 5 0	
.....	.....	1,11,742 4 0	
			21,06,799 3 9
			21,61,548 5 0
.....	.....	11,16,161 12 0	
dars	8,067 14 3		
Co.	39,838 12 0		
ilway Co.....	729 10 0		
		48,636 4 3	
			11,64,798 0 3
		Total Balance as per book...Rs.	9,96,750 4 9

13774

F. L. CHARLES,
Acting Municipal Commissioner.

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (inclu
ending 31

RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
MUNICIPAL FUND.				
Cash balance on 1st April 1887				20,292 14
CONSOLIDATED RATE at 8 per cent., *viz.*—				
House, Police, and Lighting Rates:—				
From Public— Rs. a. p.				
For 1882 ..... 163 4 11				
„ 1st Quarter of 1883 ..... 557 5 2				
„ 1883-84 ..... 675 1 7				
„ 1884-85 ..... 326 4 10				
„ 1885-86 ..... 2,080 3 4				
„ 1886-87 (at 8¾ per cent.) 29,208 13 11				
33,011 1 9				
„ 1887-88 ..... 11,66,518 12 1				
	11,99,529 13 10			
Less—Debits as under—				
Refunds 5,428 7 1				
Adjustment of errors in sub-heads ..... Rs. a. p. 76 8 7				
Do. do. in other heads ... 1 7 10				
78 0 5				
	5,506 7 6	11,94,023 6 4		
From Government of Bombay	50,000 0 0			
„ Port Trust	1,62,990 0 0	2,12,990 0 0		
			14,07,013 6 4	
WHEEL-TAX—				
Through Assessor and Collector—				
For 1883-84	65 8 0			
„ 1884-85	293 10 10			
„ 1885-86	656 14 9			
„ 1886-87	4,961 0 0			
„ 1887-88	1,72,454 11 0			
	1,78,431 12 7			
Less—Debits as under—				
Refunds 24 0 0				
Adjustment of errors in sub-heads 38 0 0				
	62 0 0			
		1,78,369 12 7		
Through Superintendent—				
For 1886-87	30,947 8 0			
„ 1887-88	1,13,341 12 0			
		1,44,289 4 0		
			3,22,659 0 7	
Toll Fees (through Traffic Manager, Port Trust)			14,333 8 0	
Carried over...Rs.			17,44,005 14 11	20,292 14

3.

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888.

DISBURSEMENTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND.				
Town Council and Corporation Establishment—				
I. Secretary, Town Council	14,862 9 3			
II. Office Establishment	3,348 0 0			
III. Fees of Councillors	15,750 0 0			
IV. Publishing Weekly Accounts	3,391 8 0			
V. Contingencies, Stationery, Printing, &c. Rs. 11,641 2 4				
Less—Receipts „ 8 10 0				
	11,632 8 4			
		48,984 9 7		
MUNICIPAL COMMISSIONER'S DEPARTMENT—				
I. Salary of the Commissioner	30,000 0 0			
II. Office Establishment	13,338 4 6			
III. Contingencies, Stationery, Printing, &c.	3,928 12 8			
V. General Establishment	1,884 5 4			
VI. Printing Voters' Lists	981 0 0			
VII. Law Charges	17,845 14 6			
		67,978 5 0		
CONTROLLER'S DEPARTMENT (including Audit, Account, and Stores Departments)—				
I. Salary of the Controller	14,400 0 0			
II. Office Establishment	35,339 3 5			
III. Stores	2,994 0 7			
IV. Contingencies, Stationery, Printing, &c. Rs. 1,251 9 2				
Less—Receipts „ 2 8 0				
	1,249 1 2			
		53,982 5 2		
		1,70,945 3 9		
Proportion of the above charges, *viz.*:—				
Charged to this account $\frac{14}{15}$ share		1,49,577 1 3	1,49,577 1 3	
„ Water Works Account $\frac{1}{15}$ share		21,368 2 6		
		1,70,945 3 9		
ASSESSMENT AND COLLECTION CHARGES—				
Assessor and Collector's Establishment—				
I. Salary of the Assessor and Collector *plus* horse allowance	13,390 4 2			
II. Office and Outdoor Establishment	34,801 11 8			
III. Ward Inspection Offices	46,045 0 5			
IV. Contingencies, Stationery, Printing, &c.	11,420 10 0			
V. Receipt Stamps	1,844 11 0			
Binding and Repairing Assessment Books	205 0 0			
	1,07,707 5 3			
Salary of the Special Assistant to the Municipal Commissioner for the examination of the Revenue Accounts and for checking Refunds	7,200 0 0			
		1,14,907 5 3		
Carried over...Rs.		1,14,907 5 3	1,49,577 1 3	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward			17,44,005 14 11	20,292 14 5
Liquor Licenses			1,43,750 0 0	
Land Conveyance Licenses			4,049 12 9	
TOWN DUTIES—				
Through Port Trust	13,44,243 2 9			
„ B. B. & C. I. Railway Company	1,11,500 3 0			
„ G. I. P. Railway Company	6,57,168 11 0			
		21,12,912 0 9		
Less—Refunds		11,16,161 12 0		
			9,96,750 4 9	
TOBACCO DUTY LICENSES (through Commissioner of Customs)			1,84,168 4 8	
HALALCORE CESS (through Assessor and Collector)—				
For 1881	32 4 1			
„ 1882	260 14 3			
„ 1st Quarter of 1883	79 6 10			
„ 1883-84	446 4 8			
„ 1884-85	999 7 3			
„ 1885-86	1,852 13 9			
„ 1886-87	14,357 0 2			
„ 1887-88	3,56,203 6 7			
		3,74,231 9 7		
Through Health Officer		195 2 10		
		3,74,426 12 5		
Less—Debits as under—				
Refunds	2,155 13 0			
Adjustment of errors in sub-heads	13 4 5			
		2,169 1 5		
			3,72,257 11 0	
MARKET RECEIPTS—				
Slaughter Fees		90,938 10 0		
Stall Rent		1,12,600 2 9		
Fair Ground and Feeding Fees from Contractors	58,000 0 0			
Less—Feeding Charges	13,106 5 1			
		44,893 10 11		
Rent of portion of Bungalow, Slaughter-houses and Chawl (from Commissariat Dept.)		3,000 0 0		
Rent of Rifle Ranges		200 0 0		
License Fees		8,972 0 0		
Ground Rent		66 0 0		
Squatters' Fees (Departmental)		2,575 5 9		
Squatters' Fees (through Contractors)		23,300 0 0		
Recoveries for carriage of Meat (from Commissariat Contractors, &c.)		48 0 0		
Rent from the Telephone Company		200 0 0		
Prices Current		12 3 0		
Amount of proceeds of articles, &c., found in the Market		6 14 0		
Fee for attending Courts, Inspection Fees, &c.		18 0 0		
Revenue for right of catching Fish in Quarry holes		35 0 0		
Rent of Chawls		1,782 0 0		
Private Markets Recoveries	2,805 5 4			
Less—Establishment Charges	2,763 2 9			
		42 2 7		
			2,88,690 1 0	
Carried over...Rs.			37,33,672 1 1	20,292 14 5

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward .....Rs.		1,14,907 5 3	1,49,577 1 3	
Proportion of the above Charges, viz.—				
Charged to this Account $\frac{13}{18}$ share.....		93,362 3 3	93,362 3 3	
„ Water Works Account $\frac{3}{18}$ share ...		21,545 2 0		
		1,14,907 5 3		
TOWN DUTY ESTABLISHMENT—				
I. Port Trust (Commission)		33,967 5 4		
II. G. I. P. Railway Co. (do.)		21,684 0 10		
III. B. B. & C. I. do. (do.)		3,508 4 0		
IV. Refund Branch.....		8,105 8 5		
			72,265 2 7	
TOBACCO DUTY ESTABLISHMENT—				
I. Under Commissioner of Customs			18,812 10 8	
MUSIC AND OTHER LICENSES DEPT.—.				
I. A—Office Establishment (under Police Commissioner).....		840 0 0		
B—Office Establishment (under Health Department)		3,424 8 8		
II. Contingencies, Stationery, Printing, &c.		208 2 0		
			4,472 10 8	
TOLL FEES ESTABLISHMENT—				
I. Establishment under the Traffic Manager, Port Trust Bunders			1,680 0 0	
PUBLIC HEALTH DEPARTMENT—				
General Supervision—				
I. Staff	25,200 0 0			
II. Office—				
(*a*) Establishment .....Rs. 9,525 15 6				
(*b*) Contingencies. Rs. 3,012 5 4				
Less—Receipts „ 5 0 0				
3,007 5 4				
	12,533 4 10	37,733 4 10		
CONSERVANCY BRANCH—				
I. Superintendence and Inspection	45,991 6 5			
II. Labour, including Feed of Cattle—				
(*a*) Scavengering .....Rs. 2,35,093 3 11				
(*b*) Drain-cleaning ... „ 1,08,107 15 4				
	3,43,201 3 3			
IIA Disposal of Town Sweepings—				
(*a*) Reclamation	29,076 12 2			
Conservancy Branch contd. & carried over ...Rs.	4,18,266 5 10			
Public Health Dept. contd, & carried over ... „		37,733 4 10		
Carried over...Rs.			3,40,169 12 5	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ

ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward ..... Rs.			37,33,672 1 1	20,292 14 5
Contribution from Municipal Servants towards Pension, &c., Fund			15,542 13 3	
Tramway Rent.....			35,919 12 0	
Contribution from Insurance Companies.....			37,356 8 0	
MISCELLANEOUS FINES AND PENALTIES—				
Through Presidency Magistrates of Police..		3,825 8 0		
On Establishments		535 5 5		
„ Contractors		166 0 0		
„ Health Department (Labourers)		2,136 0 1		
„ Halalcore Department		2,505 4 2		
„ Executive Engineer's Department (Labourers).....		45 0 11		
			9,213 2 7	
MISCELLANEOUS FEES—				
Through Assessor and Collector—				
Battakee.....	3,480 0 0			
Duplicate Bills.....	18 8 0			
Inspection	161 0 0			
Rs. a. p.				
Notice..... 2,400 0 0				
Less—Refunds 6 4 0				
	2,393 12 0			
Sundry	141 0 10			
Warrant..... 142 0 0				
Less—Refunds 3 4 0				
	138 12 0			
		6,333 0 10		
Through Municipal Engineer—				
Constructing and Cleaning Drains.....	358 0 0			
Projecting Galleries	6,336 0 0			
„ Rewas	7,728 10 2			
Scaffoldings	5,152 11 9			
Weather Frames	815 9 0			
Supplying Copies of Office Records	231 4 0			
		20,622 2 11		
Through Controller of Municipal Accounts—				
Rs. a. p.				
Loan Enfacement 312 0 0				
Less—Refunds..... 130 0 0				
	182 0 0			
Loan Registration, &c.	38 0 0			
Issuing Attested Duplicate Debentures.....	21 0 0			
Certifying Powers of Attorney.....	25 0 0			
Supplying Copies of Office Records	116 4 0			
		382 4 0		
Miscl. Fees contd. and carried over...Rs.		27,337 7 9		
Carried over ... Rs.				

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward ..... Rs.			3,40,169 12 5	
Public Health Department *contd.* & brought forward		37,733 4 10		
Conservancy Branch *contd.* & brought forward Rs.	4,18,266 5 10			
IV. Repairs	Rs. a. p. 40,218 4 7			
Less—Receipts.....	5 14 5			
	40,212 6 2			
V. Stores	28,172 5 10			
VI. Reserve Live-stock	13,045 5 0			
VII. Rent	11,047 7 6			
VIII. Water-supply	8,608 11 6			
IX. Waterproof Clothing	360 10 0			
X. Halalkhor Branch—	Rs. a p.			
a. Superintendence	15,015 3 9			
b. Labour	2,36,617 7 4			
c. Feed of Bullocks	33,348 10 7			
d. Stores	7,063 1 3			
e. Repairs Rs.10,926-14-6				
Less—Receipts „ 30- 0-0				
	10,896 14 6			
f. Purchase of Live-stock	8,350 0 0			
g. Rent.....	10 10 11			
h. Lighting Night-soil Depôt.....	73 6 6			
i. Water-supply 17,289-2-3				
Less—Receipts ... 60-0-0				
	17,229 2 3			
j. Maintenance of Carnac Bundar Night-soil Pumping Depôt.	5,121 13 5			
	3,33,726 6 6			
		8,53,439 10 4		
REGISTRATION OF BIRTHS AND DEATHS—				
I. Office Establishment	4,180 0 0			
II. Registrars	15,597 14 7			
III. Contingencies, Stationery, Printing, &c.	1,534 10 3			
V. Lighting Sonapur Burning-ground ...	26 0 0			
		21,338 8 10		
CEMETERIES—	Rs. a. p.			
I. *a.* Drivers	718 7 2			
b. Feed of Horses	995 1 7			
c. Contingencies.....	416 3 5			
	2,124 12 2			
III. Rent	96 13 7			
IV. Burning and Burial Grounds	1,476 7 7			
V. Repairs to Chowkee.....	478 10 10			
		4,176 12 2		
VACCINATION	17,765 15 5			
Less—Receipts.....	192 9 0			
		17,573 6 5		
Laboratory		222 4 3		
Maintenance of Dhobi Lines at Mahalakshmi...		17,577 1 9		
Milch-cattle Stables		11,332 14 10		
Tank Conservancy		4,681 2 11		
			9,68,075 2 4	
Carried over...Rs.			13,08,244 14 9	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward .....Rs.			38,32,204 4 11	20,292 14 5
Miscl. Fees *contd.* and brought forward ...Rs.		27,337 7 9		
Through Health Officer—				
Digging Graves	3,065 8 0			
Rs. a. p.				
Offensive & Dangerous Trades... 27,241 4 0				
Less—Refunds 10 0 0				
	27,231 4 0			
Removing Dead Animals	5,019 0 0			
Skinning „	9,001 0 0			
Supplying Copies of Office Records	105 12 0			
		44,422 8 0		
Through Police Commissioner—				
Blasting Licenses	888 0 0			
Coffee, Chundool, Boarding, Lodging, &c., Licenses	954 0 0			
Occupying Public Roads	4,354 0 0			
Poison Licenses	50 0 0			
Music „	12,020 0 0			
		18,266 0 0		
Through Secretary, Town Council—				
Supplying Copies of Office Records		1 8 0		
Through Municipal Commissioner—				
Supplying Copies of Office Records	21 0 0			
„ „ of Town Duty and Refund receipts, &c.	20 0 0			
		41 0 0		
MISCELLANEOUS SAVINGS—			90,068 7 9	
Through Commissioner's Department	90 11 7			
Less—Refunds.....	86 13 10			
		3 13 9		
„ Engineer, Municipality.....	10,660 9 1			
Less—Refunds.....	7,095 7 0			
		3,565 2 1		
„ Town Duty Refund Department...	202 4 2			
Less—Refunds	202 3 8			
		0 0 6		
„ Health Department	5,584 6 7			
Less—Refunds.....	4,372 5 1			
		1,212 1 6		
„ Halalkhor Department.....	1,758 8 1			
Less—Refunds.....	842 5 3			
		915 13 10		
„ Assessor and Collector	2,665 1 7			
Less—Refunds.....	2,234 6 9			
		430 10 10		
		6,127 10 6		
Less—Paid on account of other Depts., including past year's wages, *viz.*—				
Total paid	3,230 5 5			
Deduct—Received during the year	1,396 14 2			
		1,833 7 3		
MISCELLANEOUS RECEIPTS—			4,294 3 3	
General Sales Account—				
Sale of Land		2,581 5 11		
Miscl. Receipts contd. and carried over...Rs.		2,531 5 11		
Carried over...Rs.			39,26,566 15 11	20,292 14 5

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward.....Rs.			13,08,244 14 9	
MARKETS AND SLAUGHTER-HOUSES ESTABLISHMENT—				
I. Superintendence		13,821 11 0		
II. Superintendence at Bandora Slaughter-houses		6,448 3 8		
III. Labour		8,893 2 1		
IV. Lighting Markets and Slaughter-houses		9,105 14 1		
V. Meat Carriage		23,135 7 3		
VI. Disposal of Offal		1,830 0 0		
VII. Stores		1,546 8 10		
VIII. Contingencies, Stationery, Printing, &c.		1,293 13 11		
IX. Repairs		19,011 10 6		
X. Rent		676 4 8		
XI. Water-supply		20,697 6 10		
XII. Auditor, Market Accounts		1,200 0 0		
			1,07,660 2 10	
MUNICIPAL ENGINEER'S DEPARTMENT—				
I. Salary of the Executive and Deputy Engineers		38,864 8 3		
II. Office Establishment		20,657 1 0		
III. Surveyors and Draftsmen	15,047 9 6			
Less—Receipts	5 0 0			
		15,042 9 6		
IV. Outdoor Establishment (Roads and Buildings)	26,329 11 0			
Less—Receipts	41 13 2			
		26,287 13 10		
V. Contingencies, Stationery, Printing, &c.	6,472 1 0			
Less—Receipts	74 10 4			
		6,397 6 8		
VI. Waterproof Clothing		32 0 0		
		1,07,281 7 3		
Less—Transferred to Water Works Account...		28,770 7 9		
			78,510 15 6	
LIGHTING—				
I. Inspector		1,560 0 0		
II. Gas Lighting—				
a. Streets and Bunders	2,64,977 14 8			
b. Queen's Statue	1,116 4 11			
c. Lighting Wadia Fountain Clock	636 0 0			
d. Contingencies.....Rs. 848 6 11				
Less—Receipts..... „ 37 11 0				
	810 11 11			
		2,67,540 15 6		
III. Kerosine Oil Lighting—				
a. Streets	16,105 15 4			
c. Contingencies	742 10 0			
		16,848 9 4		
			2,85,949 8 10	
WATERING ROADS—				
I. Watering by Bhistees		7,403 11 0		
II. Do. by Carts Departmentally		43,109 2 2		
III. Repairs to Water-posts, &c.	4,492 5 2			
Less—Receipts	1,123 1 3			
		3,369 3 11		
IV. Proportion ⅓ of cost of Cart Repairs		8,820 0 0		
V. Cost of 8 New Water Carts		2,200 0 0		
			64,902 1 1	
Carried over...Rs.			18,45,267 11 0	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward ..... Rs.			39,26,566 15 11	20,292 14 5
Miscl. Receipts *contd.* and brought forward Rs.		2,581 5 11		
On account of Health Department—				
Rent of Chawls and Ground	12,877 10 0			
Grazing Cattle by Main Drain	1,100 0 0			
Cleaning Privies and Cesspools Rs. 118-11-6				
Less—Payments for cartage charges ..... „ 57- 6-0				
	61 5 6			
Rent of Sweeping-grounds at Kurla and Sion and Burning-grounds at Tardeo Flats and DeLisle Road	26,537 8 0			
Rearing and catching Fish, &c.	219 0 0			
Sale of Bones, Manure and Cow-dung Cakes, &c.	1,148 8 9			
Rent of Milch-cattle Stables. Rs. 15,386-3-1				
Less—Commission ..... „ 253-9-7				
	15,132 9 6			
Sale of Tender Forms.	14 0 0			
Rent of Dhobiwada and Shops	11,920 8 0			
Cleaning Drains	2,121 10 5			
		71,132 12 2		
On account of Municipal Engineer's Dept.—				
Ground-rent	1,319 0 0			
Right of cultivating Ground and catching Fish at Worli, &c.	1,485 0 0			
Sale of Fruits, Trees, &c.	688 0 0			
Profit on account of Private Works.....	178 13 8			
Do. Sale of Building Certificate Forms	1,204 9 9			
Surplus cash found by the Deputy Engineer, while taking over charge of, the moneys kept by the defaulting accountant Cursetji Bapooji.....	12 4 3			
Hire of Carts, Rollers, &c.	982 8 0			
Rent of Telephone Lines	1,728 9 4			
Recoveries on account of Advertisement charges from Contractors	65 0 1			
Cutting Grass, &c.	745 0 0			
		8,408 13 1		
On account of Munl. Commissioner's Dept.—				
Sale of Waste-paper, &c.		113 8 0		
On account of Controller's Dept.—				
Supplying copies of Office Records		90 0 0		
Sale proceeds of Government Paper forfeited by Contractors.....		689 11 3		
On account of Municipal Workshops—				
Sale of Coal Ashes		166 4 0		
Sale proceeds of Poon Spars and Wood Work of the Arch erected at the Queen's Statue.....		1,339 9 0		
Rent of Police Quarters belonging to the Corporation		13,708 0 0		
On account of Vaccination Department—				
Sale of Vaccine Lymph, &c.....		608 1 0		
			98,788 0 5	
Carried over...Rs.			40,25,355 0 4	20,292 14 5

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

MUNICIPAL FUND—*continued* and	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward .....Rs.			18,45,267 11 0	
ROAD REPAIRS—				
I. Purchase of Materials, Road Metal, Sandstone, &c.	95,725 15 11			
Less—Receipts...	11,957 12 0			
		83,768 3 11		
II. Cart-hire and labour	1,99,903 10 1			
Less—Receipts...	2 1 0			
		1,99,901 9 1		
III. Paving Footpaths		15,235 11 4		
IV. Maintenance of Steam-rollers, Carts, and Share of Persian Wheels Repairs.		21,497 0 5		
V. Stores and Contingencies	33,163 1 8			
Less—Receipts...	1,182 9 8			
		31,980 8 0		
VI. Ground Rent		375 12 4		
VII. Water Supply	222 0 0			
Less—Receipts...	28 8 0			
		193 8 0		
VIII. Proportionate cost of re-metalling the the area of Drainage Trenches		31,882 15 3		
			3,84,835 4 4	
Cleaning, Lighting and Repairing Port Trust Wharves			25,000 0 0	
REPAIRS TO MUNICIPAL BUILDINGS—				
I. General Repairs.....		6,123 11 7		
Less—Receipts...		586 4 5		
			5,537 7 2	
IMPROVEMENT OF STREETS—				
I. Compensation for Ground and Buildings taken up		48,786 10 8		
II. Contingencies		10,323 0 7		
			59,109 11 3	
DRAINAGE—				
Miscellaneous Drainage—				
I. Inspectors .....Rs. 8,665 5 0				
Less—Receipts... „ 18 5 4				
	8,646 15 8			
II. Cleaning Miscellaneous Drains .... Rs. 7,122 14 8				
Less—Receipts „ 1,514 8 3				
	5,608 6 5			
III. Repairs and alterations to Miscellaneous Drains Rs. 5,879 7 8				
Less—Receipts... „ 481 14 6				
	5,397 9 2			
IV. Construction of New Drains and Gutters.	26 10 0			
V. Water Supply	98 12 7			
		19,778 5 10		
Maintenance of Love Grove Pumping Station—				
I. Establishment	8,596 4 5			
II. Coals	37,021 9 9			
III. Repairs to Machinery.....	1,361 4 2			
IV. Contingencies and Stores	7,374 4 0			
V. Repairs to Buildings	461 7 4			
VI. Ground Rent at Worlee	17 1 10			
VII. Water Supply	2,175 0 0			
		57,006 15 6		
Drainage contd. & carried over...Rs.		76,785 5 4		
Carried over...Rs.			23,19,750 1 9	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward ..... Rs.			40,25,355 0 4	20,292 14 5
PUBLIC GARDENS—				
Victoria Gardens	8,499 10 6			
Less—Refunds	52 8 0			
		8,447 2 6		
Bazar-gate Street Garden		3 8 0		
Elphinstone Circle ,, ...		1 8 0		
			8,452 2 6	
Interest on Nesbit Road Bridge Fund Invested			68 0 0	
Do. on Municipal Building Fund Investment			13,847 9 11	
Do. on the Road Improvement Fund			565 12 7	
Do. on 7 lakhs Sanitary Works Loan Deposit			1,804 13 0	
Do. on Surplus Cash Deposit			8,273 1 4	
Do. on the 12 lakhs Drainage and Water Works Loan Deposit			16 7 0	
Sale proceeds of surplus land at Ripon Road ...			1,78,831 3 4	
			42,37,214 2 0	
Profit and Loss on account of Municipal Workshops—				
Profit on Municipal Workshops			13,416 5 10	
			42,50,630 7 10	
Profit and Loss on account of Stores—				
Profit on Stores adjusted			32,174 12 10	
				42,82,805 4 8
Carried over ... Rs.				43,03,098 3 1

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.
MUNICIPAL FUND—*continued* and Brought forward ..... Rs.			23,19,750 1 9	
Drainage *contd.* and brought forward..... Rs.		76,785 5 4		
Maintenance of Love Grove, Worlee, Dharavi, and the New Sluices—				
I. Establishment	1,812 7 8			
II. Materials.....	420 1 3			
III. Repairs	456 8 2			
IV. Contingencies.....	192 7 0			
V. Supervision	1,232 0 0			
VI. Water Supply	38 10 5			
		4,152 2 6		
			80,937 7 10	
MAINTENANCE OF PUBLIC GARDENS—				
a. Victoria Gardens—				
I. Establishment.....	11,486 7 0			
II. Contingencies and Stores..Rs.8,991-7-7				
Less—Receipts „ 52-8-0				
	8,938 15 7			
III. Seeds and Plants	1,634 4 6			
IV. Repairs and New Works..Rs. 4,498-5-4				
Less—Receipts „ 291-7-1				
	4,206 14 3			
V. Water Supply.....	8,908 12 0			
		35,175 5 4		
b. Elphinstone Circle Garden—				
I. Establishment	656 13 6			
II. Contingencies and Stores.....	221 13 11			
III. Repairs, Painting, &c.	100 0 0			
IV. Water Supply.....	1,786 8 0			
		2,765 3 5		
c. Falkland Road Garden—				
I. Establishment	120 0 0			
II. Contingencies and Stores	21 7 7			
III. Water Supply	298 0 0			
		439 7 7		
d. Northbrook Garden—				
I. Establishment	455 9 5			
II. Contingencies and Stores	129 3 4			
III. Water Supply	616 0 0			
		1,200 12 9		
e. Sir Cowasjee Jehangir Garden at Mahim—				
I. Establishment	204 0 0			
II. Contingencies and Stores.....	95 5 3			
III. Water Supply	182 12 0			
		482 1 3		
f. Bazar Gate Street Garden—				
I. Establishment	384 0 0			
II. Contingencies and Stores.....	178 3 2			
III. Sand, Turf, Manure, &c.	33 12 0			
IV. Water Supply	109 0 0			
		704 15 2		
g. Garden on the Flats—				
I. Supervision	300 0 0			
II. Establishment	535 3 11			
III. Water Supply	302 8 0			
		1,137 11 11		
h. Dick's Tank Garden—				
I. Establishment	144 0 0			
II. Contingencies and Stores	73 8 10			
		217 8 10		
			42,123 2 3	
Carried over...Rs.			24,42,810 11 10	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.				43,03,098 3 1
Carried over...Rs.				43,03,098 3 1

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward ..... Rs.			24,42,810 11 10	
INTEREST ON LOANS, *viz.*—				
I. Market Loan 30,093 1 2				
II. House Rate Loan 67,575 0 0				
	97,668 1 2			
Less—Interest on the Sinking Fund invested in Govt. Paper ...	66,316 11 2			
		31,351 6 0		
IV. Balance of 2nd 15 lakhs Loan		51,101 13 3		
V. Drainage Loan of 1878.....	1,25,762 8 0			
Less—Transferred to Water Works on account of the Bhandarwada Loan of 10 lakhs 45,318 4 10				
Transferred to Section VII, Sanitary Works Loan of 44 lakhs... 3,675 0 0				
	48,993 4 10			
		76,769 3 2		
VI. Surface Drainage Loan		24,142 9 6		
VII. Sanitary Works Loan of 44 lakhs	2,12,075 0 0			
Less—Receipts, *viz.*—				
Interest on investment..... 92,453 1 6				
Amount transferred to Fire Brigade 12,000 0 0				
Do. transferred to Water Works..... 90,015 0 0				
	1,94,468 1 6			
		17,606 14 6		
			2,00,971 14 5	
CHARGES ON ACCOUNT OF LOANS—				
I. House Rate Loan Contingencies	8 0 0			
II. Exchange on House Rate Loan.....	21,444 2 10			
III. Commission on „	547 9 0			
		21,999 11 10		
IV. Market Loan Contingencies 89 15 3				
Less—Receipts..... 2 13 0				
	87 2 3			
V. Exchange on Market Loan	8,695 7 2			
VI. Commission on „	219 4 2			
		9,001 13 7		
VII. Government Loan Contingencies		190 4 1		
IX. Extra Establishment for payment of Interest on the Tansa Loan		260 0 0		
X. Brokerage on 28 lakhs Tansa Loan ...		3,500 0 0		
XI. Cost of Water-marked Paper for Debentures of the 7 lakhs Loan.....		183 2 6		
XII. Stamping Blank Copies of the Tansa Water Works Loan Debentures of 30 lakhs (Rs. 15,000), and 12 lakhs Drainage and Water Works Loan Debentures of 6 lakhs (Rs. 3,000)...		18,000 0 0		
Charges on account of Loans continued and carried over ..... Rs.		53,135 0 0		
Carried over... Rs.			26,43,782 10 3	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ
ending 31st

	Rs.	a.	p.
Brought forward...Rs.	13,03,098	3	1
Carried over...Rs.	13,03,098	3	1

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward .....Rs.			26,43,782 10 3	
Charges on account of Loans *continued* and Brought forward .....Rs.		53,135 0 0		
XIII. Cost of Printing Tansa Water Works Loan Debentures.....		198 0 0		
XIV. Commission to the Bank of Bombay for payments, made by the Bank, of interest on the different Municipal Loans from 1st July 1887		1,626 4 10		
		54,959 4 10		
Less—Refund of Stamp Duty received from the Superintendent of Stamps.....		60 0 0		
		54,899 4 10		
Less—Premium received on the Tansa Loan —2nd Instalment	25,000 0 0			
Deduct—Amount transferred to Water Works Account after deducting brokerage (Rs. 3,500) and Stamp (Rs. 15,000) charges as per items X and XII	6,500 0 0			
	18,500 0 0			
Premium received on the 12 lakhs Drainage and Water Works Loan—1st instalment.	6,000 0 0			
Premium received on the 7 lakhs Sanitary Works Loan	4,812 8 0			
		29,312 8 0		
			25,586 12 10	
Primary Education.....			40,248 0 0	
School for Deaf and Dumb Mutes.....			1,800 0 0	
Victoria and Albert Museum and School of Art.			10,166 12 11	
Technical College			80,000 0 0	
Veterinary College			2,500 0 0	
Gokaldas Tejpal Hospital.....		36,389 14 0		
Less—Receipts ...		1,636 13 0		
			34,753 1 0	
Contribution to Jaffer Sulliman's Dispensary ...			6,000 0 0	
Pensions.....			18,653 10 2	
Gratuities and Compassionate Allowances.....			11,877 1 4	
Discretional Contingencies.....		7,024 7 4		
Less—Receipts ...		2,833 14 2		
			4,190 9 2	
Auditors' Allowance			5,000 0 0	
Rent of Municipal Office			16,800 0 0	
Nesbit Road Bridge		42,111 3 10		
Less—Paid out of the Invested Fund		65 4 0		
			42,045 15 10	
Municipal Building Fund			798 0 0	
Election Expenses			414 3 3	
Cost of illuminating and enclosing the Addresses to H. R. H. the Duke of Connaught and His Excellency the Earl of Dufferin, Viceroy and Governor-General of India			68 12 8	
Expenses on account of illuminating Municipal Buildings, decorating Streets, holding a Public Fair, and School Children's Fête in honor of the celebration in Bombay of the Jubilee of the Reign of Her Most Gracious Majesty the Queen-Empress of India.....		2,011 15 1		
Less—Receipts...		1,429 13 0		
			582 2 1	
Discount on the Municipal Fund portion of the 44 lakhs Loan.....			1,43,937 0 0	
Illuminating the Address of Congratulation to H. M. on the occasion of the Jubilee and cost of a Casket to enclose the same			5,380 9 7	
NEW WORKS—				
Health Department—				
Acquiring New Burial ground for Mahomedans and raising the level of the same	10,155 0 0			
New Latrines and Urinals ...Rs. 6,152-1-0				
Less—Receipts... „ 3-6-0				
	6,148 11 0			
Improvement of Bandora Slaughter-House Premises.....	11,742 7 9			
New Works, Health Dept., continued and carried over...Rs.	28,046 2 9			
Carried over...Rs.			30,94,585 5 1	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ
ending 31st

	Rs.	a.	p.
Brought forward...Rs.	43,03,098	3	1
Carried over...Rs.	43,03,098	3	1

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—continued and Brought forward.....Rs.			30,94,585 5 1	
ew Works, Health Dept.—*continued* and brought forward .....Rs.	28,046 2 9			
Construction of Health Department Stables in F & G Wards	20 0 0			
Do. of a small Beehive destructor...Rs. 9,075-11-11				
Less—Receipts 1,947-2-3				
	7,128 9 8			
Do. of Night-soil Depôts at Girgam and Kamatipoora	1,280 4 3			
Do. of a Small-pox Hospital at Arthur Road	8,018 0 3			
Filling in a further portion of the Hindu Low-caste Burial-ground at Haines Road ..	1,750 0 0			
Experiments in Cutchra burning	1,947 2 3			
		48,190 3 2		
Construction of Ward Offices for the Assessment Department		39 15 3		
Engineer's Chowkies		39 15 3		
Road Department—				
New Cross Road from Ripon Road to Byculla	24,470 6 0			
Other Road Improvements (special)	13,497 4 10			
Charni Road Extension to Falkland Road ...	658 5 8			
Purchase of 302 square yards of Land for further extension of the Road Metal Depôt in Kamatipoora, Foras Road	1,208 0 0			
Purchase of land for New Road from Parel Railway Station Level Crossing to the Junction of Haines and Worlee Roads ...	118 3 1			
57 Iron Water Tanks at all Persian wheels...	2,894 0 0			
Constructing two Culverts at Malabar Hill...	2,746 8 2			
		45,592 11 9		
Drainage—				
Repairs to Falkland Road Drain Rs. 4,367-7-6				
Less—Receipts „ 1,122-9-1				
	3,244 14 5			
		3,244 14 5		
POLICE ACCOUNT—			97,107 11 10	
General Police (including Police Hospital)...		2,61,348 7 0		
Steam Fire Brigade Establishment—				
I. Establishment	27,284 6 9			
II. Repairs to Engines.....	1,924 8 3			
III. Contingencies for extinguishing Fires.	6,168 9 6			
IV. Compensation for damage to Police Officers' Clothing	1,771 0 0			
V. Charges for Buggy-hire, Feed of Horses, &c.	3,951 8 4			
VI. Lighting Fire Engine Sheds.....	116 1 0			
VII. Cost of Stores	1,162 15 8			
VIII. Purchase of Horses	1,254 0 0			
Steam Fire Brigade Establishment continued and carried over .....Rs.	43,633 1 6			
Police Account continued and carried over.....Rs.		2,61,348 7 0		
Carried over...Rs.			31,91,693 0 11	

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.				43,03,098 3 1
WATER WORKS ACCOUNT—				
WATER RATE (through Collector)—				
For 1881	136 1 6			
„ 1882	325 2 3			
„ 1st Quarter of 1883	107 15 11			
„ 1883-84	536 11 9			
„ 1884-85	929 4 5			
„ 1885-86	2,824 10 6			
„ 1886-87	37,540 13 7			
„ 1887-88	8,11,195 4 5			
		8,53,596 0 4		
Less—Debits as under :—				
Refunds	3,174 8 8			
Adjustment of errors in sub-heads	66 2 6			
		3,240 11 2		
			8,50,355 5 2	
Water supplied for extinguishing Fires			5,000 0 0	
Sale of Grass			365 0 0	
Profit on account of Sale of Stop Cocks			98 0 0	
Profit on sale of Water Connection application Forms			209 3 3	
Instalments recoverable from the Bandora Municipality for Water Mains			4,000 0 0	
Fees for producing Office Records			5 0 0	
Rent of Water Meters			6,097 10 5	
Fees for opening Roads for Water Pipes			5,575 0 0	
Plumber License Fees			770 0 0	
Premium on the Tansa Loan (less Stamp and Brokerage charges)			6,500 0 0	
Sale of old Pipes, Tanks, &c.			833 0 0	
Sale of Tender Forms			175 0 0	
Interest on the Tansa Loan Interest Deposit account			3,746 3 5	
Water Works Account carried over.....Rs.			8,83,724 3 3	
Carried over...Rs.				43,03,098 3 1

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward ..... Rs.			31,91,693 0 11	
Police Account *contd.* & brought forward... Rs.		2,61,348 7 0		
Steam Fire Brigade Establishment *continued* and brought forward..... Rs.	43,633 1 6			
IX. Rent of Quarters for the Engineers.....Rs. 2,670 0 0				
Do. belonging to the Corporation... „ 1,312 0 0				
Do. for the Parel Manual Engine Station... „ 300 0 0				
	4,282 0 0			
X. Repairs to Fire Engine Stations	321 3 11			
XI. New Charges on account of Fire Brigade	21,433 8 6			
		69,669 13 11		
WATER WORKS ACCOUNT—			3,31,018 4 11	
				35,22,711 5 10
Executive Engineer's Department (proportion of)		28,770 7 9		
General Superintendence $\frac{7}{16}$ share		21,368 2 6		
Assessment and Collection and Refund and Remission charges $\frac{1}{8}$ share		21,545 2 0		
			71,683 12 3	
Maintenance of Water Works—				
I. Establishment	43,214 8 4			
Less—Receipts	150 0 0			
		43,064 8 4		
II. Labourers' Wages	28,001 15 8			
Less—Receipts	5 6 5			
		27,996 9 3		
III. Repairs to Plant		3,322 13 3		
IV. Miscellaneous Stores	37,896 10 3			
Less—Receipts	12,324 4 11			
		25,572 5 4		
V. Contingencies	12,385 12 1			
Less—Receipts.....	3 6 0			
		12,382 6 1		
VI. Clothing to Assistant Turn-cocks and Linesmen		709 0 0		
VII. Repairs to Road between Sakee and Vehar		300 0 0		
		1,13,338 10 3		
New Works—				
Construction of Office and Store-room at Chinchpoogly	96 7 9			
Alterations of Mains for Deacon's Meters System	418 3 8			
Constructing a Compound Wall round the Water Works Stores at Chinchpoogly.....Rs. 3,029 3 10				
Less—Receipts... „ 8 13 8				
	3,020 6 2			
Repairing part of embankment of 24" Tulsi Main between Bandora and Golibar sluices.	5,976 12 11			
Construction of Inspector's Quarters at Bhandarwada	31 2 0			
Laying Mains in different Streets, including cost of Ironwork .....Rs. 11,201 13 0				
Less—Receipts... „ 7,289 6 9				
	3,912 6 3			
Laying 6" Main at Ripon Road	8,013 9 0			
Water Works Account continued and carried over .... Rs.	21,468 15 9	1,13,338 10 3	71,683 12 3	
Carried over... Rs.				35,22,711 5 10

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.				43,03,098 3 1
Water Works Account *continued* and Brought forward .....Rs.			8,83,724 6 3	
Water Works Account continued and carried over .....Rs.			8,83,724 6 3	
Carried over...Rs.				43,03,098 3 1

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and Brought forward ..... Rs.				35,22,711 5 10
Water Works Account—*continued* and Brought forward ..... Rs.		21,468 15 9	1,13,838 10 3	71,683 12 8
Laying Water Mains in Lady Jamsetjee and other Roads.....	47,854 2 3			
Less—Receipts	9 11 0			
		47,844 7 3		
Cost of Survey and preparing Drawings for the provision of a Chawl at the Vehar Filters, &c.		1,080 0 0		
Removing and relaying Mains in different Streets	13,106 0 2			
Less—Receipts.	1,822 5 5			
		11,283 10 9		
Filling in the Compound of the Water Works Stores at Chinchpoogly		5,001 4 6		
Rebuilding a Sluice-house for 32" Sluice of the Vehar Main at Coorla.....		1,042 13 6		
			87,721 3 5	
Discount on the W. W. portion of the 44 lakhs Loans			1,09,283 0 0	
				3,10,342 14 0
Loss by sale of Kennedy's Water Meters.....				10,627 2 4
Interest on Loans, *viz.*—				
Paid to Government on account of Vehar Debt			1,15,616 1 3	
Tulsi Loans of 40 lakhs			1,59,743 7 6	
Bhandarwada Loan of 10 lakhs			45,318 4 10	
Portion of the 44 lakhs Sanitary Works Loans (Rs. 18,98,921)			90,015 0 0	
Tansa Water Works Loan (Paid to parties)'...		65,058 12 10		
Do. do. (Set apart at the Bank)		6,67,741 3 2		
			7,32,800 0 0	
				11,43,492 13 7
Instalments on account of the different Water Works Loans—				
Vehar Debt			59,583 14 9	
Tulsi Loan of 36 lakhs			76,410 7 7	
Balance of Tulsi Loan of 4 lakhs.....			7,853 4 9	
Bhandarwada W.W. Loan of Rs.10,00,000.			11,864 2 4	
Portion of the 44 lakhs Sanitary Works Loans (Rs. 18,98,921)			1,91,186 13 2	3,46,898 10 7
Loan Works, W. W.—				18,83,045 4 9
Paid on account of Works sanctioned out of the 15 lakhs Loan (one of the 3 Sanitary Works Loans)—				
Malabar Hill Reservoir.....		88,710 2 2		
Less—Receipts.....		63 12 10		
			88,646 5 4	
Loan Works, W. W., contd. and carried over. Rs.			88,646 5 4	
Water Works Acct, " " " Rs.				18,83,045 4 9
Carried over...Rs.				35,22,711 5 10

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ ending 31st

	Rs. a. p.	Rs. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.				43,03,098 3 1
Water Works account *continued* and Brought forward .....Rs.			8,83,724 6 3	
Tansa Water Works Loan		30,00,000 0 0		
Moiety of the 1st Instalment of the 12 lakhs Drainage and Water Works Loan of 1888...		42,500 0 0		
		30,42,500 0 0		
Amount expended on the purchase of Meters, &c., out of current Revenue in last year, now transferred to Water Works Stock account.		30,000 0 0		
			30,72,500 0 0	
				39,56,224 6 3
Carried over...Rs.				82,59,322 9 4

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.				35,22,711 5 10
W. Works Account *contd.* and brought forward.			18,83,045 4 9	
Loan Works, W. W. „ „ ...		88,646 5 4		
Paid on account of works sanctioned out of the Rs. 20,88,000 Loan (one of the 3 Sanitary Works Loans)—				
Construction of a double-storeyed Chawl for the Water Works Staff and quarters for the Superintendent.....Rs.3,581 5 5				
Less Receipts... „ 25 0 0	3,556 5 5			
Construction of Filter Beds at Vehar.....Rs. 2,144 5 6				
Less—Receipts... „ 85 0 0	2,059 5 6			
Improvement of the Water-supply of the outlying Districts .....Rs. 34,796 7 0				
Less—Receipts... „ 468 12 0	34,327 11 0			
Raising the Tulsi Dams .....Rs. 5,587 0 8				
Less—Receipts... „ 478 6 2	5,108 10 6			
Providing additional Catch-water Channels at Tulsi and Vehar.....	1,552 0 0			
Enlarging different Mains ...Rs. 662 7 0				
Less—Receipts... „ 598 1 2	64 5 10	46,668 6 3		
Paid out of the Tansa Loan—				
Tansa Water Works	23,04,950 10 1			
Less—Receipts.....	24,058 11 9	22,80,891 14 4		
Paid out of the Sanitary Works Loan of 7 lakhs—				
Increasing and improving the distribution of the Water-supply and providing higher levels, Tulsi district, with filtered water..		714 9 5		
Paid out of the 12 lakhs loan—				
Laying 18″ Main from Bhandarwada Reservoir to Carnac Road and 12″ Main from Carnac Road to Mint.....	64,039 4 6			
Less—Receipts.....	128 9 0	63,910 11 6		
		24,80,831 14 10		
Less—Receipts on account of—				
John Hay Grant Reservoir.....	168 6 0			
Discount on a portion of 15 lakhs Loan transferred to Current Revenue.....	27,509 0 0			
Do. do. 20,88,000 Loan do.	81,774 0 0	1,09,451 6 0		
			23,71,380 8 10	
			42,54,425 13 7	
Bank of Bombay on account of Tansa Water Works Loan...		10,90,000 0 0		
Do. do. Tansa Loan Interest Deposit account No. 2	6,71,487 6 7			
Less—Shown under Interest, Tansa Loan, Water Works	6,67,741 3 2	3,746 3 5		
			10,93,746 3 5	
				53,48,172 1 0
Carried over...Rs.				88,70,883 6 10

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.				82,59,322 9 4
Loan Works—				
Surface Drainage Works (Loan account) *viz.*—				
Laying a new 24" Main and removing old 24" Tulsi Main	35,562 11 4			
Contingencies	5,952 15 8			
Discount of Rs. 8,12,000 Loan transferred to current revenue	46,731 0 0			
		88,246 11 0		
Carried over...Rs.		88,246 11 0		82,59,322 9 4

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

					Rs.	a.	p.	Rs.	a.	p.	Rs.	a. p.
Brought forward...Rs.											88,70,883	6 10
LOAN WORKS—												
SURFACE DRAINAGE WORKS (Loan Account), *viz.*—												
Widening the Channel south of Love Grove Sluices, Intercepting Drain, Tardeo District, and Storm Water entrances					489	0	9					
Intercepting Drain from Pydhoni to Bellasis Road and Storm-water entrances					2,820	0	0					
Enlarging old open Main Drain.....					37	15	5					
Laying a new 24" Main and removing old 24" Tulsi Main					1,552	0	0					
Contingencies					53,366	10	9					
DRAINAGE WORKS (Loan Account), *viz.*,								58,265	10	11		
1878—	Rs.	a.	p.									
Kamatipura Drainage.....	3,842	9	1									
Pipe Sewer.....	415	4	9									
Contingencies	567	7	5									
					4,825	5	3					
1883—												
House connections without privy fittings	Rs. 58,970	a. 4	p. 4									
Less—Receipts	743	2	9									
				58,227	1	7						
Closing Storm-water openings in Frere Road Sewers and providing shaft ventilators				992	6	0						
House connections (Kamatipura Drainage)	Rs. 2,748	a. 14	p. 11									
Less—Receipts.	1,308	12	2									
				1,440	2	9						
Queen's Road intercepting Sewer	17,476	6	9									
Less—Receipts.	9,282	15	4									
				8,193	7	5						
					68,853	1	9					
1884—												
Pipe Sewers from Clerk Road along south portion of Haines Road and DeLisle Road	Rs. 13,662	a. 14	p. 0									
Less—Receipts	2,240	3	11									
				11,422	10	1						
Pipe Sewer from Parel Workshop to Clerk Road and Ovoid Sewer	374	13	9									
Less—Receipts.	78	15	6									
				295	14	3						
Extension of Clarke Road Ovoid Sewer to Parel Road.....	3,625	1	11									
Less—Receipts.	1,284	10	11									
				2,340	7	0						
Drainage Works contd. and carried over.....Rs.				14,058	15	4		73,678	7	0		
Loan Works continued and carried over...Rs.												
Carried over...Rs.								58,265	10	11		
											88,70,883	6 10

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ
ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.		88,246 11 0		82,59,322 9 4
Road to be made out of the Loan of Rs. 20,88.000—				
New Road from Bellasis Road across old Race Course	2,62,589 7 2			
Discount on Rs. 2,49,529 (portion of the 44 lakhs S. W. Loans) transferred to current Revenue	14,360 0 0			
		2,76,949 7 2		
			3,65,196 2 2	
Carried over...Rs.			3,65,196 2 2	82,59,322 9 4

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.				88,70,883 6 10
Loan Works *continued* and brought forward Rs.			58,265 10 11	
Drainage Works *continued* and Brought forward ..... Rs. a. p. 14,058 15 4		73,678 7 0		
1884—				
Ovoid Sewer across the Old Race-course..... Rs. a. p. 2,628 13 4				
Less—Receipts... 122 8 6				
2,506 4 10				
Hornby Road to Bazar Gate thence to the Mint 6,884 9 10				
Less—Receipts... 1,301 13 1				
5,582 12 9				
		22,148 0 11		
1886-87—				
Fort Drainage ... 87,778 1 11				
Less—Receipts... 4,178 15 7				
83,599 2 4				
New Works at Love Grove Pumping Stn.... 868 0 4				
Less—Receipts... 92 0 0				
776 0 4				
Pipe Sewer in certain Lanes in Khetwady 1,172 9 10				
		85,547 12 6		
Works sanctioned out of the 12 lakhs Loan—Queen's Road Pipe Sewers and House Connections		145 6 0		
		1,81,519 10 5		
Less—Receipts on account of—				
Discount charges transferred to current Revenue ... 82,846 0 0				
Establishment charges transferred to Malabar Hill Reservoir..... 41,566 0 0				
		1,24,412 0 0		
			57,107 10 5	
Road to be made out of the Loan of Rs. 20,88,000—New Road from Bellasis Road across old Race Course.....			2,00,227 1 2	
Sanitary Works to be executed out of the Loan of Rs. 20,88,000—				
Enlargement of Dhobi Lines at Mahaluxmi.		19 4 0		
Health Department Stables at Boree Bundar		1,656 11 10		
			1,675 15 10	
Amount expended out of the Nesbit Road Bridge Fund Investment			65 4 0	
Extension of Erskine Road Market sanctioned out of the Loan of 5 lakhs		49,400 13 0		
Less—Receipts...		4,015 0 0		
			45,385 13 0	
Carried over .....Rs.			3,62,727 7 4	88,70,883 6 10

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.			3,65,196 2 2	82,59,322 9 4
ADVANCES—				
PERSONAL ACCOUNT OF MUNICIPAL OFFICERS—				
Assessor and Collector	2,017 0 0			
Engineer, Municipal	15,296 8 5			
Deputy Engineer	251 0 0			
Health Officer	1,216 14 9			
Municipal Commissioner	24,643 9 8			
Secretary, Town Council	2,071 4 4			
Superintendent of Markets	100 0 0			
Executive Engineer, Tansa Water Works	9,15,764 0 10			
Secretary and Curator, Victoria and Albert Museum	1,895 10 6			
Controller of Municipal Accounts	85 6 4			
		9,63,341 1 10		
PERSONAL STOCK ACCOUNT—				
Assessor and Collector	268 4 0			
Town Duty Department, including Refund Branch	16 0 0			
Engineer, Drainage	72,679 15 9			
Do. Water Works	31,243 12 0			
Do. Tulsi Water Works	40 0 0			
Do. Municipal	3,239 4 10			
Police Commissioner	3,437 3 10			
Health Officer	18,377 13 5			
Vaccination Department	2 8 0			
Superintendent of Markets	2,606 1 6			
General Stock	1,02,249 5 8			
Water Meters	41,348 1 2			
Superintendent of Workshops	109 8 0			
Do. of Victoria Gardens	115 14 0			
Secretary, Town Council	500 0 0			
Panwell Brick Works	16 2 5			
		2,76,249 14 7		
WORKSHOPS (Private & Departmental Works).	1,25,411 13 8			
Departmental Works	1,83,020 12 10			
Private Works	11,037 14 4			
	3,19,470 8 10			
Commission on Private Works	390 0 3			
		3,19,860 9 1		
PERSONAL ACCOUNT OF MUNICIPAL CONTRACTORS, &C.—				
Littlewood, Pallonjee & Co.	1,047 3 11			
J. Hewson	692 0 0			
Nagoo Sayajee & Co	10,000 0 0			
Glover & Co	9,840 0 0			
Walsh, Lovett, Mitchell & Co	5,269 0 0			
		26,848 3 11		
			15,86,299 13 5	
Carried over...Rs.			19,51,495 15 7	82,59,322 9 4

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*contd.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
MUNICIPAL FUND—*continued* and *Brought forward* ....Rs.		3,62,727 7 4		88,70,883 6 10
ADVANCES—				
PERSONAL ACCOUNT OF MUNICIPAL OFFICERS—				
Assessor and Collector	1,993 5 0			
Engineer, Municipal	16,887 10 9			
Health Officer	1,241 13 3			
Municipal Commissioner	25,020 4 0			
Superintendent of Markets	105 0 0			
Secretary, Town Council	2,040 0 0			
Executive Engineer, Tansa Water Works...	8,49,131 3 0			
Secretary and Curator, Victoria and Albert Museum	410 13 0			
Controller of Municipal Accounts	85 6 4			
		8,96,915 7 4		
PERSONAL STOCK ACCOUNT—				
Assessor and Collector	160 0 0			
Secretary, Town Council	380 14 0			
Town Duty Department including Refund Branch	30 0 0			
Tobacco Duty Department (Customs)	2 10 0			
Engineer, Drainage	1,20,206 7 3			
Do. Water Works	1,03,088 1 3			
Do. Municipal	4,809 6 1			
Do. Tansa Water Works	2,456 5 9			
Municipal Commissioner	21 14 0			
Police Commissioner	1,697 6 6			
Health Officer	23,674 14 5			
Vaccination Department	119 0 0			
Superintendent of Workshops	135 8 0			
Do. Markets	5,648 11 9			
Do. Victoria Gardens	430 12 0			
General Stock	79,166 2 2			
Water Meters	45 0 0			
Secretary and Curator, Victoria and Albert Museum..	13,047 6 5			
		3,55,120 7 7		
WORKSHOPS (Private & Departmental Works)...	1,11,949 7 10			
Departmental Works	76,230 11 0			
Private Works	9,851 11 9			
	1,98,031 14 7			
Commission on Private Works	1,770 9 9			
		1,99,802 8 4		
PERSONAL ACCOUNT OF MUNICIPAL CONTRACTORS, &C.—				
Glover & Co.	4,524 0 0			
Walsh, Lovett, Mitchell & Co.	56,537 0 0			
		61,061 0 0		
			18,75,626 14 7	
Carried over...Rs.			18,75,626 14 7	88,70,883 6 10

STATEMENT OF TOTAL RECEIPTS AND DISBURSEMENTS (includ ending 31st

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward.....Rs.			19,51,495 15 7	82,59,322 9 4
DEPOSITS—				
Deposit from Contractors and others (in Cash).	5,19,681 1 11			
Deposit on account of works performed for Private Parties.....	4,534 2 5			
Deposit under Section 201 of Acts III. of 1872 and IV. of 1878	1 9 2			
		5,24,216 13 6		
Deposit from Contractors, &c., (in Government Paper)		4,15,700 0 0		
Deposit from Contractors (in Government Paper) kept in Office		54,200 0 0		
Bank of Bombay on account of Government Promissory Notes from Contractors, &c.....		1,74,400 0 0		
Bank of Bombay on account of Tansa Water Works Loan Deposit Account No. 1		30,33,181 13 3		
Bank of Bombay on account of Tansa Loan Deposit in Government Paper		6,27,001 7 1		
Bank of Bombay Tansa Loan Interest Deposit Account No. 2		6,67,741 3 2		
Bank of Bombay on account of Sanitary Works 44 lakhs Loan Deposit Account No. 1		18,27,368 7 6		
Bank of Bombay on account of Sanitary Works 7 lakhs Loan Deposit Account No. 2		4,00,000 0 0		
Bank of Bombay Deposit on account of Government Promissory Notes for Sinking Fund and Interest		3,50,000 0 0		
Bank of Bombay Surplus Cash Deposit Account.....		3,80,000 0 0		
Bank of Bombay Municipal Building Fund Deposit Account		798 0 0		
DEBT—			84,54,607 12 6	
Instalment on account of the Bhandarwada Loan debited to the Municipal Fund, transferred to Water Works account	11,864 2 4			
Instalment on account of the Sanitary Works Loans of 1885-86, (Water Works portion), debited to the Municipal Fund, transferred to Water Works account	1,91,186 13 2			
Tansa Water Works Loan, credited to the Municipal Fund transferred to W. W. account	10,00,000 0 0			
		12,03,050 15 6		
Drainage Loan of Rs. 11,15,000	5,57,500 0 0			
7 lakhs Sanitary Works Loan	7,00,000 0 0			
		12,57,500 0 0		
ASSETS—			24,60,550 15 6	
Bank of Bombay on account of Nesbit Road Bridge Invested Fund		3,435 14 0		
Applications for Water Connections		656 4 0		
Building Certificate Forms		1,214 8 0		
			5,306 10 0	
LIABILITIES—				
Loan Works Establishment—				
Executive Municipal Engineer.....		2,458 0 11		
Government of Bombay on account of Income Tax—				
Through Loan Branch	1,920 9 2			
„ Controller of Municipal Accounts	13,059 3 6			
„ Assessor and Collector	7,632 2 4			
		22,611 15 0		
			25,069 15 11	
				1,28,97,031 5 6
Total...Rs.				2,11,56,353 14 10

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

ing Transfers) of the BOMBAY MUNICIPALITY for the year March 1888—*concluded.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward...Rs.			18,75,626 14 7	88,70,883 6 10
DEPOSITS—				
Deposit from Contractors & others (in Cash)	5,50,752 2 0			
Deposit on account of works performed for private parties	6,118 11 10			
Deposit under Section 201 of Acts III. of 1872 and IV. of 1878	36 0 2			
		5,56,906 14 0		
Deposit from Contractors, &c., (in Government Paper)		1,74,400 0 0		
Deposit from Contractors (in Government Paper) kept in Office		58,500 0 0		
Bank of Bombay 44 lakhs Sanitary Works Loan Sinking Fund Account		52,370 14 2		
Bank of Bombay on account of Government Promissory Notes from Contractors, &c.		4,13,700 0 0		
Bank of Bombay Tansa Water Works Loan Deposit Account No. 1		30,33,181 13 3		
Do. do. in Government Paper		6,27,001 7 1		
Do. do. Interest Deposit Account No. 2		6,67,741 3 2		
Bank of Bombay on account of Sanitary Works Loan of 44 lakhs Deposit Acct. No. 1.		22,871 3 6		
Do. do. 7 lakhs No. 2		7,06,617 5 0		
Bank of Bombay on account of Municipal Building Fund Deposit Account		64,068 5 11		
Bank of Bombay on account of 12 lakhs Drainage and Water Works Loan Deposit		6,00,016 7 0		
Bank of Bombay Surplus Cash Deposit Acct.		14,19,829 11 7		
E. W. & R. Oliver on account of Government Promissory Notes from Contractors		2,000 0 0		
			83,99,205 4 8	
DEBT—				
Tansa Water Works Loan (transferred to Water Works Account)		10,00,000 0 0		
Instalment on account of Balance of new Government Loan of 15 lakhs		26,955 14 6		
Do. Surface Drainage Loan of 6 lakhs.		12,735 1 1		
Do. on account of Drainage Loan of Rs. 26,94,000		25,500 0 0		
Instalment on account of Sanitary Works Loans of 44 lakhs		4,43,000 0 0		
Market Loan (payment in reduction of)		3,35,000 0 0		
			18,43,190 15 7	
ASSETS—				
Bank of Bombay on account of Nesbit Road Bridge Account		68 0 0		
Applications for water connections		660 0 0		
Building Certificate Forms		1,304 8 0		
			2,032 8 0	
LIABILITIES—				
Loan Works Establishment—				
Executive Municipal Engineer		20,034 14 5		
Government of Bombay on account of Income Tax—				
Through Loan Branch	2,018 13 6			
„ Controller of Municipal Accounts	11,873 0 3			
„ Assessor and Collector	6,698 3 0			
		20,590 0 9		
			40,624 15 2	
				1,21,60,680 10 0
				2,10,31,564 0 10
Cash Balance on 31st March 1888				1,24,789 14 0
Total...Rs.				2,11,56,353 14 10

F. L. CHARLES,
Acting Municipal Commissioner.

No. 4.

MUNICIPAL FUND.

Schedule of Liabilities on 31st March 1888.

LIABILITIES.				Rs. a. p.	Rs. a. p.	Rs. a. p.
CONSOLIDATED LOAN—						
B—Surface Drainage Loan of 6 Lakhs				6,00,000 0 0		
Less—Paid in 1881	Rs.	4,821	2 10			
Do. do. 1882	„	9,970	4 2			
Do. do. 1st quarter of 1883	„	5,153	15 9			
Do. do. 1883-84	„	10,658	6 11			
Do. do. 1884-85	„	11,143	8 0			
Do. do. 1885-86	„	11,650	9 6			
Do. do. 1886-87	„	12,180	12 6			
Do. do. 1887-88	„	12,735	1 1	78,313 12 9		
					5,21,686 3 3	
C—Balance of New Government Loan of 15 Lakhs				12,66,304 6 0		
Less—Paid in 1881	Rs.	10,204	13 4			
Do. do. 1882	„	21,103	14 3			
Do. do. 1st quarter of 1883	„	10,909	4 5			
Do. do. 1883-84	„	22,560	3 8			
Do. do. 1884-85	„	23,587	1 5			
Do. do. 1885-86	„	24,660	7 0			
Do. do. 1886-87	„	25,782	10 8			
Do. do. 1887-88	„	26,955	14 6	1,65,764 5 3		
					11,00,540 0 9	
A and D shown in Appendix 7.						16,22,226 4 0
LOCAL DEBT—						
House Rate Loan					11,23,000 0 0	
Market Loans (3,50,000 + 2,65,000)				6,15,000 0 0		
Less—Paid in 1887-88				3,35,000 0 0	2,80,000 0 0	
						14,03,000 0 0

New Drainage Loan of 1878		27,00,000 0 0	
Deduct—Bonds not issued		6,000 0 0	
		26,94,000 0 0	
Less—Paid up to 31st March 1886		1,81,500 0 0	
		25,12,500 0 0	
Less—Transferred to Water Works Account on account of the Bhandarwada Reservoir		9,30,556 0 0	
		15,81,944 0 0	
Less—Paid in 1886-87 on account of Municipal Fund	19,519 0 0		
Do. in 1887-88 do. do.	13,635 13 8		
		33,154 13 8	
		15,48,789 2 4	
Sanitary Works Loan of 1885-86		25,01,079 0 0	
Less—Paid in 1886-87	3,979 0 0		
Do. in 1887-88	2,51,813 2 10		
		2,55,792 2 10	
		22,45,286 13 2	
Sanitary Works Loan of 7 Lakhs			68,19,302 3 6
Drainage and Water Works Loan of 12 Lakhs (portion of)			7,00,000 0 0
DEPOSITS—			5,57,500 0 0
Deposit on account of Contractors (in Cash)	1,21,687 2 6		
Do. do. works performed for private parties	9,078 2 3		
Do. under Section 201 of Acts III. of 1872 and IV. of 1878	1 9 2		
	1,30,766 13 11		
Do. on account of Sir Munguldas Nuthoobhoy's Clock	500 0 0		
Do. on account of Contractors (Government Promissory Notes)	8,08,200 0 0		
Do. do. (do. kept in Office)	10,000 0 0		
		9,49,466 13 11	
Commission on private works		1,929 2 6	
Government of Bombay on account of Income-tax—			
Through Controller	1,190 13 3		
Do. Loan Branch	92 10 1		
Do. Assessor and Collector	7,632 2 4		
		8,915 9 8	
			9,60,311 10 1
Loan Works Establishment, Executive Engineer's Department			12,816 10 3
Total Liabilities (exclusive of those of the Water Works Fund)			90,49,930 7 10

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

F. L. CHARLES,
Acting Municipal Commissioner.

No. 5

MUNICIPAL FUND.

Schedule of Assets on 31st March 1888.

ASSETS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Cash Balance on 31st March 1888				1,24,789 14 0	
ADVANCES RECOVERABLE—					
Municipal Officers:—					
Assessor and Collector	290 10 0				
Engineer, Municipal	5,471 1 1				
Superintendent of Markets	5 0 0				
Municipal Commissioner	4,588 7 5				
Secretary, Town Council	279 3 2				
Superintendent, Victoria Garden	200 0 0				
Health Officer	103 14 6				
Superintendent of Municipal Workshops	20 0 0				
Controller of Municipal Accounts	12 1 0				
Executive Engineer, Tansa Water Works	15,500 0 0				
Secretary and Curator, Victoria and Albert Museum	400 0 0	26,870 5 2			
Private Works	15,802 1 2				
Departmental Works	57,816 13 8				
Workshops (Outstanding)	22,477 7 4	96,096 6 2			
Contractors, &c.—					
Application Forms for water connections.....Rs. 99 12 0					
Building Certificate Forms ..... „ 168 8 0	268 4 0				
Ellapa Balaram & Co.....Rs. 600 0 0					
Glover & Co. ..... „ 27,624 0 0					
Walsh, Lovett, Mitchel & Co..... „ 58,868 0 0	87,092 0 0	87,360 4 0			
			2,10,326 15 4		

Investments—										
Bank of Bombay Deposit on account of Sir Munguldas Nuthoobhoy's clock					500	0	0			
Bank of Bombay on account of Government Promissory Notes for Sinking Fund and Interest, &c., *viz.*—										
Adjusted up to 31st December 1882	12,99,000	11	9							
Interest up to 31st March 1885	5,32,028	13	0							
	18,31,029	8	9							
Less—Amount drawn in 1887-88	3,50,000	0	0							
					14,81,029	8	9			
Bank of Bombay on account of Government Promissory Notes from Contractors					8,08,200	0	0			
Do. do. Municipal Building Fund Deposit Account					5,97,479	6	4			
Do. do. 44 lakhs Sanitary Works Loan Deposit Account	26,81,518	12	6							
Less—Amount drawn in 1887-88	18,27,368	7	6							
					8,54,150	5	0			
Bank of Bombay on account of the 7 lakhs Sanitary Works Loan Deposit Account (No. 2)	7,06,617	5	0							
Less—Amount drawn in 1887-88	4,00,000	0	0							
					3,06,617	5	0			
Bank of Bombay on account of 44 lakhs Sanitary Works Loan Sinking Fund Deposit Account					52,370	14	2			
Do. do. 12 Lakhs Drainage and Water Works Loan Deposit Account					6,00,016	7	0			
Do. do. Surplus Cash Deposit Account	14,19,829	11	7							
Less—Amount drawn in 1887-88	3,80,000	0	0							
					10,39,829	11	7			
E. W. & R. Oliver, on account of Government Promissory Notes from Contractors					2,000	0	0			
								57,42,198	9	10
Personal Stock Accounts—										
General Stock (Miscellaneous)					1,47,060	4	4			
Assessor and Collector					9,273	7	6			
Clerk to the Justices					25	0	0			
Controller of Municipal Accounts					5,154	0	4			
Secretary, Town Council					8,912	7	9			
Personal Stock Accounts continued and carried over...Rs.					1,70,425	3	11			
Assets continued and carried over...Rs.								59,52,520	9	2
Cash Balance continued and carried over...Rs.										1,21,789 14 0

MUNICIPAL FUND—Schedule of Assets on 31st March 1888—*continued.*

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
CASH BALANCE—Continued and brought forward...Rs.				1,24,789 14 0	
ASSETS—Continued and brought forward...Rs.			59,52,520 9 2		
Personal Stock Accounts continued and brought forward...Rs.		1,70,425 3 11			
Engineer, Water Works		3,80,301 4 4			
Do. Municipal		1,43,234 7 2			
Municipal Commissioner		4,990 14 5			
Police do.		58,613 0 5			
Superintendent of Markets		36,941 5 5			
Health Officer		3,06,660 2 3			
Registration of Births and Deaths		1,419 8 0			
Superintendent of Municipal Workshops		75,477 8 10			
Panwell Brick Works		7 8 0			
Town Duty Department (Port Trust)		2,344 10 0			
Tobacco Duty do.		866 6 3			
Town Duty Refund Officer		796 3 0			
Engineer, Tulsi Water Works		4,675 3 7			
Do. Drainage Works		3,63,104 6 0			
Vaccination Department		1,260 0 3			
Superintendent, Victoria Gardens		1,256 8 0			
Executive Engineer, Tansa Water Works		28,132 2 11			
Secretary and Curator, Victoria and Albert Museum		13,047 6 5			
			15,93,553 13 2		
Property and Buildings booked—					
Bandora Slaughter-houses	2,34,297 12 8				
Workshop and Store Shed	1,49,079 7 1				
Girgam Police Court (share of)	34,000 0 0				
		4,17,377 3 9			
Markets—					
Nal Bazar Market	1,50,770 1 7				
Fort Market	22,066 7 11				
Bhuleshwar Market	64,780 15 4				
Arthur Crawford Market	11,39,410 11 6				
		13,77,028 4 4			
		17,94,405 8 1			
Property, &c., not booked		45,37,835 11 11			
			63,32,241 4 6		
Roads, Overbridges and Drainage, &c., works executed out of Loan Funds—					
I. Overbridges	1,97,563 0 1				
II. Foras Road	1,12,418 14 10				
III. Nowrojee Hill Road	57,913 3 0				
		3,67,895 1 11			

Drainage Works—													
I. Fort Sewers									78,627	4	8		
II. Kamathipura Drain									1,91,047	8	10		
III. Drain in Fanaswadi and Agiary Lane									1,852	12	3		
IV. Branch Sewer, Bellasis Road									7,108	6	1		
Surface Drainage Works Loan Account, *viz.*—												2,78,635	15 10
	Up to March 1887.			1887-88.									
	Rs.	a.	p.	Rs.	a.	p.							
Widening Love Grove Sluices	1,57,326	7	7	.....					1,57,326	7	7		
Culverts, &c., under B. B. & C. I. Railway near Bellasis Road	1,791	0	8	.....					1,791	0	8		
Khetwadi Survey	5,599	10	0	.....					5,599	10	0		
Raising Level of Khetwadi Roads	28,355	0	1	.....					28,355	0	1		
Do. private compounds in Khetwadi	25,336	2	1	.....					25,336	2	1		
Three Branch Drains in Khetwadi and Storm-water entrance	31,711	15	6	.....					31,711	15	6		
Intercepting Drain, Tardeo District and Storm-water entrances	1,69,180	2	3	489	0	9			1,69,669	3	0		
Making connection between Low-level Sewer and New Main Drain	2,610	8	10	.....					2,610	8	10		
Intercepting Drain from Pydhoni to Bellasis Road and Storm-water entrances	3,00,303	14	1	2,820	0	0			3,03,123	14	1		
Enlarging old open Main Drain	71,280	14	0	37	15	5			71,318	13	5		
Laying a new 24" Main and removing old 24" Tulsi Main and filling up the Haines Road entrance	1,08,237	9	4	1,552	0	0			1,09,789	9	4		
Constructing Storage Reservoir on the Flats and raising level of Manholes in Sewers	1,82,306	1	0	.....					1,82,306	1	0		
Establishment	1,21,413	0	0	.....					1,21,413	0	0		
Contingencies	40,343	13	1	47,413	11	1			87,757	8	2		
Improving the Worlee Storm-water Drain, widening the channel south of Love Grove Sluices and other petty works	45,458	1	5	.....					45,458	1	5		
Discount on Rs. 8,12,000 Loan	46,731	0	0	.....					46,731	0	0		
	13,37,985	3	11	52,312	11	3			13,90,297	15	2		
Less—Receipts as under—													
On account of laying a 24" Main and removing old 24" Tulsi Main				35,562	11	4							
Discount charges on Rs. 8,12,000 Loan transferred to current Revenue				46,731	0	0							
									82,293	11	4		
												13,08,004	3 10
Loan Works continued and carried over							Rs.					19,54,535	5 7
Assets continued and carried over							Rs.						1,38,78,315 10 4
Cash Balance continued and carried over							Rs.						1,24,789 14 0

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
CASH BALANCE—Continued and brought forward...Rs.				1,24,789 14 0
ASSETS—Continued and brought forward ...Rs.			1,38,78,315 10 4	
Loan Works continued and brought forward ...Rs.		19,54,535 5 7		
New Drainage Works Loan Account, *viz.*—	Up to March 1887. Rs. a p.	1887-88. Rs. a. p.		
1878—				
Main Sewers	4,92,691 8 2	.....	4,92,691 8 2	
Pipe Sewers	2,76,818 9 7	415 4 9	2,77,233 14 4	
Outfall Sewers	2,55,766 10 0	.....	2,55,766 10 0	
New Pumping Machinery	98,289 9 6	.....	98,289 9 6	
New Engine-house	95,742 3 9	.....	95,742 3 9	
Kamatipura Drainage	72,628 11 5	3,842 9 1	76,471 4 6	
Clerk Road Ovoid Sewer	39,259 5 11	.....	39,259 5 11	
Government Commission Charges	5,211 15 9	.....	5,211 15 9	
Preliminary Expenses	13,429 6 5	.....	13,429 6 5	
Departmental Works	1,072 1 3	.....	1,072 1 3	
Compensation for Land	18,831 11 1	.....	18,831 11 1	
Proportion of Repairs to Roads (opened for the Works)	34,372 14 7	.....	34,372 14 7	
Miscellaneous Charges	22,302 15 7	.....	22,302 15 7	
Establishment	1,45,000 0 0	.....	1,45,000 0 0	
Contingencies	50,585 14 4	567 7 5	51,153 5 9	
Repairs to old Main Drain at Falkland Road	2,093 13 5	.....	2,093 13 5	
	16,24,097 6 9	4,825 5 3	16,28,922 12 0	
	Up to March 1887.	1887-88.	Total.	
1883-84—				
House Connections	1,615 13 0	58,227 1 7	59,842 14 7	
Contingencies	1,799 12 10	.....	1,799 12 10	
Closing storm-water openings in Frere Road	288 11 3	992 6 0	1,281 1 3	
Two more Pumping Engines	98,438 1 9	.....	98,438 1 9	
Queen's Road Intercepting Sewer	1,51,805 5 0	8,193 7 5	1,59,998 12 5	
House Connection Survey	4,561 13 3	.....	4,561 13 3	
House Connections (Kamatipura Drainage)	23,342 15 5	1,440 2 9	24,783 2 2	
Establishment Charges	1,30,435 0 0	.....	1,30,435 0 0	
Discount on Rs. 10,22,000 a portion of 15 Lakhs Loan	58,816 0 0	.....	58,816 0 0	
	4,71,103 8 6	68,853 1 9	5,39,956 10 3	

Less—Receipts on account of Establishment charges transferred to Malabar Hill Reservoir				41,566	0	0						
Less—Receipts on account of Discount charges on Rs. 10,22,000, portion of 15 lakhs Loan transferred to current Revenue.....				58,816	0	0						
							1,00,382	0				
									4,39,574	10	3	
1884—												
Pipe Sewer from Clare Road along south portion of Haines Road and DeLisle Road	94,051	8	4	11,422	10	1	1,05,474	2	5			
Pipe Sewer from Parel Workshops to Clarke Road Ovoid Sewer.....	65,215	11	8	295	14	3	65,511	9	11			
Extension of Clarke Road Ovoid Sewer to Parel Road	32,947	1	0	2,340	7	0	35,287	8	0			
Ovoid Sewer across the Old Race Course.....	56,958	8	4	2,506	4	10	59,464	13	2			
Ovoid Sewer from the Crawford Market down Hornby Road to Bazar Gate, thence to the Mint	75,940	1	10	5,582	12	9	81,522	14	7			
Contingencies	1,409	15	11	.....			1,409	15	11			
Establishment.....	36,309	0	0	.....			36,309	0	0			
Discount on Rs. 4,17,550, a portion of Rs.20,88,000 Loan	24,030	0	0	.....			24,030	0	0			
	3,86,861	15	1	22,148	0	11	4,09,010	0	0			
Less—Credits on account of Discount charges on Rs. 4,17,550, a portion of Rs. 20,88,000 Loan transferred to current Revenue							24,030	0	0			
									3,84,980	0	0	
New Drainage Works Loan Account continued and carried over..... Rs.									24,53,477	6	3	
Loan Works continued and carried over..... Rs.											19,54,535	5 7
Assets continued and carried over..... Rs.												1,38,78,315 10 4
Cash Balance continued and carried over..... Rs.												1,24,789 14 0

				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
CASH BALANCE—Continued and brought forward.....Rs.							1,24,789 14 0	
ASSETS—Continued and brought forward.....Rs.						1,38,78,315 10 4		
Loan Works continued and brought forward.....Rs.					19,54,535 5 7			
New Drainage Works Loan Account continued and brought forward.....Rs.				24,53,477 6 3				
1886-87—	Up to March 1887.	1887-88	Total.					
Fort Drainage	1,43,541 12 10	83,599 2 4	2,27,140 15 2					
Side Drain along Wadi Bunder Road	4,934 0 1	.....	4,934 0 1					
Pipe Sewer in certain lanes in Khetwadi	4,109 12 2	1,172 9 10	5,282 6 0					
New Works at Love Grove Pumping Station	31,404 1 8	776 0 4	32,180 2 0					
	1,83,989 10 9	85,547 12 6	2,69,537 7 3					
1887-88—				2,69,537 7 3				
Queen's Road Pipe Sewers and House connections				145 6 0				
New Road from Bellasis Road across the old Race-course (sanctioned out of the Loan of Rs. 20,88,000)	2,13,839 2 6	2,00,227 1 2			27,23,160 3 6			
				4,14,066 3 8				
Less—Receipts on account of surplus land sold and discount charges transferred to current Revenue				2,76,949 7 2				
Sanitary Works executed out of the Loan of Rs. 20,88,000—					1,37,116 12 6			
Enlargement of Dhobi Lines at Mahaluxmi	1,679 8 0	19 4 0		1,698 12 0				
Chawl for Gowlees working at Agripada								
Milch Cattle Stables	6,129 13 6	.....		6,129 13 6				
Health Department Stables at Boree Bunder	35,344 1 2	1,656 11 10		37,000 13 0				
Establishment Charges	8,803 2 6	.....		8,803 2 6				
	51,956 9 2	1,675 15 10		53,632 9 0				
					53,632 9 0			
Extension of Erskine Road Market sanctioned out of 5 lakhs Loan					45,385 13 0			
Amount expended in 1884-85 on Street Improvement out of the Road Improvement Invested Fund					19,000 0 0			
Amount expended out of the Nesbit Road Bridge Invested Fund (Rs. 49,779-4-0 in 1886-87 and Rs. 65-4-0 in 1887-88.)					49,844 8 0			
						49,82,675 3 7		
							1,88,60,990 13 11	
Water Works Fund (due by)							1,89,85,780 11 11	
							14,89,199 2 10	
						Total...Rupees.		2,04,74,979 14 9

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

F. L. CHARLES,
Acting Municipal Commissioner.

No. 6.
WATER WORKS FUND.
INCOME FOR 1887-88.

INCOME.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Water Rate (through Assessor and Collector)		8,53,596 0 4		
Less—Debits as under—				
Refunds	3,174 8 8			
Adjustment of errors in the same head	66 2 6			
		3,240 11 2		
			8,50,355 5 2	
Sale of grass			365 0 0	
Water supplied for extinguishing fires			5,000 0 0	
Profit on account of sale of stop cocks			93 0 0	
Do. water connection forms			209 3 3	
Instalments recoverable from the Bandora Municipality for water mains, &c., sold to them			4,000 0 0	
Fee for producing Office Records			5 0 0	
Rent of water meters			6,097 10 5	
Fee for opening roads for laying water pipes			5,575 0 0	
Plumber License Fees			770 0 0	
Premium on the Tansa Loan (*minus* Stamp and Brokerage charges)			6,500 0 0	
Sale of old pipes, tanks, &c.			833 0 0	
Sale of tender forms			175 0 0	
Interest on the Tansa Loan Interest Deposit Account			3,746 3 5	
				8,83,724 6 3
Difference (Expenditure in excess of Income)				9,99,320 14 6
Total...Rs.				18,83,045 4 9

EXPENDITURE FOR 1887-88.

EXPENDITURE.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Engineer's Establishment (proportion of)	28,770 7 9		
Assessment and Collection Charges (proportion of)	21,545 2 0		
General Superintendence (proportion of)	21,368 2 6		
		71,683 12 3	
Maintenance of Vehar, &c., &c., Water Works	1,23,965 12 7		
New works	87,721 3 9		
		2,11,687 0 4	
Discount on Rs. 18,98,921 (portion of the 44 lakhs Sanitary Works Loans)		1,09,283 0 0	
Interest on Water Works Loans—			
Vehar Debt	1,15,616 1 3		
Tulsi Loan of 36 lakhs	1,44,855 8 6		
Balance of Tulsi Loan of 4 lakhs	14,887 15 0		
Bhundarwada Loan of 10 lakhs	45,318 4 10		
Sanitary Works Loan (portion of 44 lakhs)	90,015 0 0		
Tansa Loan Interest (actually paid to parties)	65,058 12 10		
		4,75,751 10 5	
		8,68,405 7 0	
Do. do. (set apart at the Bank)		6,67,741 3 2	
		15,36,146 10 2	
'ayment towards the reduction of the following Water Works Loans—			
Tulsi Loan of 36 lakhs	76,410 7 7		
Balance of Tulsi Loan of 4 lakhs	7,853 4 9		
Bhundarwada Water Works Loan of 10 lakhs	11,864 2 4		
Water Works portion of Rs. 18,98,921 of the 44 lakhs Sanitary Works Loan	1,91,186 13 2		
Vehar Debt	59,583 14 9		
		3,46,898 10 7	
Total...Rs.			18,83,045 4 9

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

F. L. CHARLES,
Acting Municipal Commissioner.

No.

WATER WORKS

SCHEDULE OF LIABILITIES ON 31ST MARCH 1888.

LIABILITIES.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Consolidated Loan—			
(*a.*) Tulsi Water Works Loan of 36 Lakhs	32,79,612 2 4		
Less—Paid in 1886-87 ... Rs. 73,084 10 10			
Do. 1887-88 ... „ 76,410 7 7			
	1,49,495 2 5		
		31,30,116 15 11	
(*d.*) Balance of Tulsi Water Works Loan of 4 Lakhs	3,40,766 12 10		
Less—Paid in 1886-87 ... Rs. 7,511 7 11			
Do. 1887-88 ... „ 7,853 4 9			
	15,364 12 8		
		3,25,402 0 2	
		34,55,519 0 1	
Bhandarwada Water Works Loan of Rs. 10,00,000	9,30,556 0 0		
Less—Paid in 1886-87 ... Rs. 11,481 0 0			
Do. 1887-88 ... „ 11,864 2 4			
	23,345 2 4		
		9,07,210 13 8	
Portion of Sanitary Works Loans (of 44 Lakhs)	18,98,921 0 0		
Less—Paid in 1886-87 ... Rs. 3,021 0 0			
Do. 1887-88 ... „ 1,91,186 13 2			
	1,94,207 13 2		
		17,04,713 2 10	
Government of Bombay on account of Vehar Debt	45,21,943 7 9		
Less—Paid in previous years ... Rs. 15,07,704 4 11			
Do. 1886-87 ... „ 55,812 1 5			
Do. 1887-88 ... „ 59,583 14 9			
	16,23,100 5 1		
		28,98,843 2 8	
Tansa Water Works Loan—			
Instalment raised in 1886-87	17,00,000 0 0		
Do. *do.* 1887-88	30,00,000 0 0		
		47,00,000 0 0	
Drainage and Water Works Loan of 12 Lakhs		42,500 0 0	
			1,37,08,786 3 3
Municipal Fund			14,89,199 2 10
Total ...Rs.			1,51,97,985 6 1

SORABJI NAVAROJI COOPER,
Controller of Municipal Accounts.

7.

FUND.

SCHEDULE OF ASSETS ON 31ST MARCH 1888.

ASSETS.	Up to 31st March 1887. Rs. a. p.	In 1887-88. Rs. a. p.	Total. Rs. a. p.	Rs. a. p.
Tulsi Water Works	37,61,888 6 0	.....	37,61,888 6 0	
Vehar Outlet Tower	2,69,787 0 3	.....	2,69,787 0 3	
	40,31,675 6 3	.....	40,31,675 6 3	
New Service Reservoir at Bhundarvada	9,86,648 12 7	*Cr.* 168 6 0	9,86,480 6 7	
	50,18,324 2 10	*Cr.* 168 6 0	50,18,155 12 10	
Paid on account of the Works sanctioned out of the 15 Lakhs Loan—				
Tulsi gathering-ground	60,000 0 0	.....		
Malabar Hill Reservoir	4,13,770 1 11	88,646 5 4		
Discount on Rs. 4,78,000, a portion of the 15 Lakhs Loan	27,509 0 0	*Cr.* 27,509 0 0		
	5,01,279 1 11	61,137 5 4	*5,62,416 7 3	
Paid on account of Works sanctioned out of the Rs. 20,88,000 (Sanitary Works) Loan—				
New Hydrants, including cost of erection	20,876 7 1	.....		
Tulsi gathering-ground	34,500 0 0	.....		
Construction of a double-storied chawl for the Water Works Staff and quarters for the Superintendent	24,004 0 10	3,556 5 5		
Survey for New Catch-water Channels, &c.	7,838 4 1	.....		
Construction of Filter Beds at Vehar	1,02,374 10 5	2,059 5 6		
Improvement of the Water-supply of the outlying Districts	6,47,737 5 8	34,327 11 0		
Raising the Tulsi Dams	1,08,148 15 1	5,108 10 6		
Providing additional catch-water channels at Vehar and Tulsi	90,242 0 6	1,552 0 0		
Purchase of check meters for the prevention of waste of water	1,27,132 14 8	.....		
Enlarging different mains, &c	1,03,066 2 8	64 5 10		
Establishment Charges	80,770 0 0	.....		
Discount on Rs. 14,20,921, a portion of Rs. 20,88,000 Loan	81,774 0 0	*Cr.* 81,774 0 0		
Provision of Turbine at the Malabar Hill Reservoir	2,282 0 0	.....		
	14,30,746 13 0	*Cr.* 35,105 9 9	13,95,641 3 3	
Paid out of Tansa Loan—			19,58,057 10 6	
Cost of Survey of the scheme for the carrying out of the Tansa Water-supply	49,664 8 8	.....		
Tansa Water Works	8,29,141 15 9	22,80,891 14 4		
	8,78,806 8 5	22,80,891 14 4	31,59,698 6 9	
Paid out of 7 Lakhs Sanitary Works Loan—				
Increasing and improving the distribution of water-supply and providing higher levels, Tulsi District, with filtered water.	19,476 6 0	714 9 5	20,190 15 5	
Paid out of 12 Lakhs Drainage and Water Works Loan—				
Laying 18" main in Frere Road from Bhandarwada Reservoir to Carnac Road, and 12" main from Carnac Road to Mint	.....	63,910 11 6	63,910 11 6	
	78,48,633 0 2	23,71,380 8 10	1,02,20,013 9 0	
Value of the Vehar Lake	45,21,943 7 9	.....	45,21,943 7 9	1,47,41,957 0 9
Bank of Bombay on account of Tansa Water Works Loan Deposit Account, No. 1	5,10,000 0 0	10,90,000 0 0	16,00,000 0 0	
Bank of Bombay on account of Tansa Loan Interest Deposit Account No. 2	.....	6,71,487 6 7	6,71,487 6 7	
	5,10,000 0 0	17,61,487 6 7	22,71,487 6 7	22,71,487 6 7
Total...Rs.	1,28,80,576 7 11	41,32,867 15 5	1,70,13,444 7 4	1,70,13,444 7 4

* Of this, Rs. 1,02,416-7-3 were paid out of the 7 lakhs Sanitary Works Loan.

F. L. CHARLES,
Acting Municipal Commissioner.

REPORT OF THE EXECUTIVE ENGINEER FOR 1887-88.

No. $\frac{G}{1713}$ OF 1888-89.

FROM JAMES W. SMITH, ESQ., A.M. INST. C.E.,
Acting Executive Engineer, Municipality.

To F. L. CHARLES, ESQ., C.S.,
Acting Municipal Commissioner for the City of Bombay.

BOMBAY, 23*rd July* 1888.

SIR,

I have the honour to submit the Annual Report on the general working of the Executive Engineer's Department during the year 1887-88.

The report is divided as follows :—

(A) Sewerage Works (ordinary and loan).
(B) Water Works (Malabar Hill Reservoir Roofing).
(C) Buildings.
(D) Roads.
(E) Lighting.
(F) Annual Repairs.
(G) Municipal Workshops.
(H) Public Gardens.
(I) General.

Mr. Walton having availed himself of the 18 months' leave granted to him from 3rd January 1888, the whole department came under my charge. Mr. J. J. B. Benson, A.M.I.C.E., having been appointed Assistant Engineer, entered upon his duties on 1st March 1888.

I have the honour to be,
Sir,
Your most obedient Servant,
JAMES W. SMITH, C.E.,
Acting Executive Engineer, Municipality.

(A).—SEWERAGE WORKS (ORDINARY AND LOAN).

1. *First portion of the new Sewerage Scheme.*
   - (*a*) Pumping Station, Love Grove, Warli.
   - (*b*) Ventilating Shafts.
   - (*c*) House Connections.
2. *Queen's Road and Girgam Drainage Section.*
   - (*a*) Ovoid Sewer.
   - (*b*) Ventilating Shafts.
   - (*c*) Pipe Sewers and House Connections.
3. *Ovoid Sewer from Crawford Markets along Hornby Road to the Victoria (Bori Bunder) Terminus, and thence by Mint Road to the Town Hall.*
4. 12″ *Pipe Sewer in Sankli Street.*
5. *Agripada District.*
   - (*a*) Pipe Sewers and House Branches.
   - (*b*) House Connections.
6. *Sewerage of the Fort (Pipe Sewers).*
7. *Additional works at the Night-soil Depôts in Girgam and Kamatipura.*
8. *Carnac Bunder Night-soil Station.*
9. *Surface Drainage Scheme.*
   - (*a*) Gowalia Tank, Tardeo, and Arthur Road Storm Water Drain.
   - (*b*) Mahalakshmi Storm Water Reservoir.
10. *Drainage Sluices.*
11. *Miscellaneous Drainage.*
12. *Miscellaneous Departmental Works.*
13. *Stores Depôt.*
14. *Kachra Incinerator (Bee-hive Destructor).*
15. *New Works for* 1888-89.
16. *General Remarks :—*
    - (*a*) Sections and Streets provided with Sewers.
    - (*b*) Sewerage and Surface Drainage Works sanctioned since 1880.

(1.)—FIRST PORTION OF THE NEW SEWERAGE SCHEME.

(a.)—Pumping Station, Love Grove, Warli.

The engines and pumps have generally worked well throughout the year under the supervision of Mr. W. H. Bell, Engineer in charge of the station.

2. On 6th October 1887, a contract was entered into with Mr. J. O. S. Elmore, for the supply and installation of the requisite machinery for lighting the station with electric incandescent lamps at a cost of Rs. 2,300. The contract time expired on 6th February 1888. The work is nearly completed, but a fair and satisfactory trial has not yet been made.

3. The Kachra-burning Kiln erected at the station does its work very well, and effectually dries and consumes the kachra taken out by the shred-lifters from the sewer.

4. The brick-work in fire-clay of which the kiln was composed having required strengthening, it was encased during the year with a lining of brick-work set in mortar, at a cost of Rs. 575.

5. As everything requiring the least repair or alteration has hitherto had to be sent to the Municipal Workshops, it was thought advisable to supply the Engineer with the necessary tools and machinery to enable him to execute all minor repairs at the station, and thus save considerable time and expense.

6. The Town Council having sanctioned the proposal (under their No. 1890, of 21st December 1887) an order was given on the 16th January 1888 to Messrs. Richardson & Cruddas to supply the requisite tools and plant, and these are in course of being supplied and fitted up at the station. The whole of the arrangements will be in working order in 1888-89, and form a subject for report for that year.

7. Permanent quarters for the Engineer in charge of the station and for his assistant should be provided inasmuch as the present temporary quarters are not only inconvenient and uncomfortable (especially during the rains), but also expensive to maintain.

8. It is indispensable that the Engineer and his assistant should live in close proximity to the station so as to be available at all times and good comfortable permanent quarters should be erected for them. That which tends to the comfort of an employé tends also to the maintenance of his health and increased efficiency in the performance of his duties.

9. A design, together with an estimate amounting to Rs. 9,040 inclusive of 15 per cent. for contingencies, was prepared and submitted for sanction in November 1883.

10. The Budget allowance for establishment and contingencies, &c., at the station and the expenditure incurred during the year were as follows :—

	Total Amount. Rs.
Budget allowance	59,831
Actual Expenditure	57,007
Saving ....Rs.	2,824

(b.)—Ventilating Shafts.

Drainage connections having greatly increased, the necessity of a more thorough ventilation of the sewers presented itself with greater urgency than it had previously done.

2. A sum of Rs. 50,000 for shaft ventilators was sanctioned by the Corporation under their Resolution No. 9021 of 8th December 1881.

3. It was intended that the shafts should be erected simultaneously with the carrying out of the house connection work, which latter was deferred owing to the failure to obtain a tender at reasonable rates. The house connection work having been commenced departmentally (in the Khetwadi District as a beginning), it was proposed to also carry out departmentally the erection of the shaft ventilators and accordingly sanction was applied for on the 4th August 1887.

4. The Town Council having, however, requested the Commissioner to invite tenders for the work a contract and detailed specification were prepared for the purpose preparatory to advertising for tenders.

5. The contract and specification were still in the printer's hands at the close of the year under review.

(c.)—House Connections.

The greater portion of the materials (stoneware pipes, junction, &c., and cast iron fittings) required for house connections in the First Drainage Section were delivered at the Bellasis Bridge Depôt by the supply contractors, Messrs. Richardson and Cruddas and Messrs. Walsh, Lovett and Company, respectively.

2. The construction and fitting up of the house connection work in the district of Khetwadi (a part of the First Drainage Section) commenced in the previous year was proceeded with departmentally.

3. The whole of the work except a very small portion was completed and that happily within the estimated rates. There has been an excess in expenditure, but that is due entirely to increased quantities, consequent upon new buildings, new nahanis, and new privies.

4. The following summaries show the results of the carrying out of the work to the end of the year under report:—

Value of actual work as measured, calculated at estimated rates	Rs.	73,428	4	9
Net outlay (including about Rs. 1,200 on account of damage to buildings)	„	72,490	9	1
Saving...	Rs.	937	11	8
Estimated Value of the work	Rs.	66,433	0	0
Net outlay	„	72,490	9	1
Net excess owing to increased quantities	Rs.	6,057	9	1

5. It should be observed that if this department had been placed in the exact position of a contractor bound by the contract to pay for materials supplied by the Municipality at the rates settled in the Specification, the saving on the estimated rates of the contract would have been somewhat increased beyond that previously shown, for the result would have been as follows:—

Value of actual work as measured, calculated at estimated rates	Rs.	73,428	4	9
Net outlay (value of materials supplied by the Municipality calculated at the specified rates given in clauses 88, 89, and 91 of the Specification)	„	72,401	2	11
Saving.....	Rs.	1,027	1	10

6. The accompanying Statement A gives the quantities and value of work done, calculated at estimated rates, and Statement B the details of actual expenditure.

A.

Quantities.	Particulars.	Rate. Rs.	Rate. cents.	Per	Amount. Rs.	Amount. cents.
174,611·67 c. ft.	General excavation, including filling in, &c.	2	00	100 c. ft.	3,492	23
431·45 „	Filling up with Municipal earth, &c., on the works including watering, &c.	1	00	„	4	31
25,406·45 s. ft.	Stone paving laid in mortar and pointed with cement and sand (1 to 1)	8	00	100 s. ft.	2,032	52
205·00 Nos.	Flat-tooled stones about 9″ × 9″ with a roughly cut cross laid over inspection and flushing pipes	1	00	each.	205	00
18,164·00 r. ft.	6″ Stoneware pipes laid complete	0	57	r. ft.	10,353	48
9,619·00 „	4″ do. do. do.	0	51	„	4,905	69
	Carried forward				Rs. 20,993	23

A—*continued.*

Quantities.	Particulars.	Rate. Rs.	Cents.	Per	Amount. Rs.	Cents.
	Brought forward .. .. Rs.	....		....	20,993	23
680·00 Nos.	6″ × 6″ Stoneware single quadrant junctions laid complete..	1	[illegible]	each.	1,128	80
3,780·00 „	6″ × 4″ do. do. ..	1	66	„	6,274	80
27·00 „	6″ × 4″ × 4″ Stoneware double junctions laid complete	2	94	„	79	38
472·00 „	6″ Stoneware bends laid complete	1	62	„	764	64
1,976·00 „	4″ do. do. do.	1	46	„	2,884	96
213·00 „	6″ do. siphons laid complete	6	25	„	331	25
2,748·00 „	6″ × 6″ Stoneware gully traps laid complete	2	98	„	[illegible]	04
587·00 „	Earthenware disk plugs for sockets of 6″ × 4″ stoneware pipes, including mortar fillet	20	00	hundred.	8,[illegible] 117	40
231·00 „	Earthenware disc plugs for sockets of 6″ × 4″ stoneware pipes, including filling up with earth and covering with a ½″ skin of cement and sand fair with stone paving	30	00			
34,366·00 „	2½″ Cast-iron pipe laid complete	0	44	„	69	30
3,792 r. ft.	Old nahani pipes refixed complete and painted	0	125	r. ft.	15,121 474	04 00
1,482 Nos.	2½″ Cast-iron cistern heads fixed complete.	0	92	each.	1,363	44
105 „	Old cast-iron cistern heads refixed complete and painted	0	125	„	13	12
274 „	2½″ Cast-iron ventilating siphons and jointing..	1	03	„	282	22
1,017 „	2½″ Do. obtuse angle pieces do. ..	0	46	„	467	82
47 „	2½″ Do. horizontal do. do. ..	0	68	„	31	96
47 „	2½″ Do. elbows do. ..	0	47	„	22	09
27 „	2½″ Do. Y junction pieces do. ..	0	82	„	22	14
1 No.	2½″ Do. reserved Y do. do. ..	0	64	„	0	64
101 Nos.	2½″ Do. offset do. do. ..	0	48	„	48	48
1,304 „	2½″ Do. T pieces with sockets including jointing	0	63	„	821	52
3,363 „	2½″ Do. ventilating discharge pipes fixed complete	1	05	„	3,531	15
140 „	2½″ Do. collars for utilizing cut pieces of pipes fixed complete.....	0	53	„	74	20
691 „	2½″ Do. socket disks.....	0	16	„	110	56
598 „	2½″ Do. socket gratings with legs fixed complete	0	18	„	107	64
41 „	Gratings for 2½″ cistern heads fixed complete	0	32	„	13	12
3,479 „	Nahani gratings 3¾″ × 3¾″ with horns, including nahani work and fixing complete	0	39	„	1,356	81
358 „	Gully trap gratings 5¾″ × 5¾″, fixed complete	0	34	„	121	72
76 „	2½″ Cast-iron ventilating T heads fixed complete..	0	75	„	57	00
57 „	2½″ Do. do. do. including cutting through repairing and making good the roof	4	25			
2,297 „	2½″ Cast-iron socket straps fixed complete..	0	34	„	242	25
881 „	2½″ Do. spigot do. do. ..	0	44	„	780	98
11 „	9″ × 6″ Stoneware junctions laid complete	4	00	„	167	64
36 r. ft.	6″ Cast-iron pipe laid complete.....	1	72	„	44	00
1 No.	9″ × 6″ Stoneware taper pipes	2	65	r. ft. each.	61	92
2,280 c. ft.	Brickwork in common mortar	42	00	100 c. ft.	2	65
214 each	Do. for gully traps	0	22	each.	957	60
4,877·40 c. ft.	Uncoursed rubble masonry in common mortar	30	00	100 c. ft.	47	08
264·12 „	Common lime concrete.....	30	00	„	1,463	22
3,102 s. ft.	Render in cement and sand (1 to 1) ½″ thick	20	00	100 s. ft.	79	24
1 No.	4″ Cast-iron siphon for privies fixed complete..	3	27	each.	620	40
1 „	4″ Do. discharge pipe do. ..	2	18	„	3	27
118 s. ft.	Blue stone dhapas laid complete.....	25	00	100 s. ft.	2	18
18 r. ft.	Labour fixing 6″ cast-iron pipes	0	12	r. ft.	29	50
	Constructing two arches in the gully of Mr. Palonji Shapoorji's house No. 251 Khetwadi Main Road	102	31	lot.	2 102	16 31
	Drain connection of Mr. Jamaji Ratonji's new house in Khetwadi 3rd Lane	....		„	200	00
					70,679	87
	Contingent charges ..	....		....	2,748	62
		Total	..	.. Rs.	73,428	49

B.

No. of Vouchers.	Amount.	No. of Vouchers.	Amount.	No. of Vouchers.	Amount.
	Rs. a. p.		Rs. a. p.		Rs. a. p.
.....	.....	.....	8,184 0 4	... ...	15,678 4 0
4	30 15 6	49	27 12 0	116	84 6 0
6 & 8	328 12 0	50 & 51	6 12 0	119	1,986 0 3
9	37 2 3	52	13 6 0	120	15 6 7
10	8 12 0	53	90 6 0	121	20 2 4
11	799 2 6	54	1 8 1	122 & 123	405 0 0
12 & 13	159 6 1	55, 56 & 57	425 0 0	124	213 13 6
14	4 4 0	59 & 60	1,067 10 0	125	15 9 4
15	39 2 3	61	40 0 0	127	253 9 10
16	2 4 0	66	67 9 9	128 & 129	83 7 0
17	99 0 0	67	57 1 9	130	2,210 15 0
18	13 4 4	68	85 0 6	131	382 0 10
19	8 6 2	77	325 0 0	132	365 0 0
20	27 14 1	78	32 0 0	135	33 13 0
21	3 10 7	79	55 4 0	137	22 10 1
22 & 23	48 14 0	81	60 0 0	138 & 139	147 6 2
24	19 9 0	82	10 2 0	140	2 2 9
25	19 4 0	83	78 5 0	141 & 142	385 0 0
27 & 28	1,790 15 6	84	332 12 1	145	354 6 1
29	657 8 0	85 & 86	57 12 0	146	24 12 0
31 & 32	99 4 0	87	641 3 3	149	38 2 0
33	30 12 6	88	8 14 5	150	31 9 0
34	1,658 2 6	91 & 92	27 2 0	151	3 3 6
35	28 13 6	93	1,131 0 6	152	41 3 9
36	40 0 0	94 & 95	365 0 0	153	1,879 11 3
37 & 38	19 14 0	98	41 2 6	154	44 11 6
39	59 0 6	99	178 11 5	155	1,146 1 0
40	38 12 0	100	4 14 0	156	2 14 0
41	141 5 7	102	6 0 0	62 to 65	
				69 to 76	16,706 15 7
42	57 13 0	103	114 4 3	89, 96, 97	
43	85 5 0	104	206 2 6	107, 108	
				117, 118,	28,592 0 2
45 & 46	1,734 8 6	105	32 4 0	133, 134,	
				143, 144	1,380 0 0
47	70 11 0	106	1,389 5 0	& 157	
48	21 8 0	109	11 2 0	158	163 7 3
		110 & 111	365 0 0	Bills not received.	225 0 0
		112	57 9 8		240 0 0
		113 & 114	81 3 0	Damages paid.	1,000 0 0
	8,184 0 4		15,678 4 0		74,178 11 0
				Deduct—Credits	1,688 1 11
				Total ... Rs.	72,490 9 1

(2.)—QUEEN'S ROAD AND GIRGAM DRAINAGE SECTION.

(*a.*)—*Ovoid Sewer.*

This sewer has been working for more than four years, intercepting (except during the fall of heavy rain) the outfalls into Back Bay. The accounts held over pending the settlement of points in dispute with the contractor have been finally adjusted and closed.

2. The sewer was frequently flushed with sea-water at high tides.

(b.)—Ventilating Shafts.

The five ventilating shafts erected in the Queen's Road having been deemed insufficient for the perfect ventilation of the sewer, and the number of connections with the Marine Lines 15″ pipe sewer having rendered the ventilation of the latter imperative, a sum of Rs. 6,750 was provided in the Budget for 1888-89 for the purpose of erecting ventilating shafts in the Marine Lines and Mayo Road, and additional ones in Queen's Road and Charni Road.

2. The question of sewer ventilation has received considerable consideration during the year and has formed the subject of much correspondence and discussion between the Municipal Commissioner, and the Superintending Engineer, Northern Division, the Sanitary Commissioner and myself. The relative efficiency of surface and shaft ventilation as applied to sewers in Bombay has been the principal point of discussion, because the necessity of ventilation of some kind has always been conceded and the intention to ventilate in the most efficient manner practicable has never been even in abeyance.

3. The method of sewer ventilation may be said to be continually under discussion, and considering how much the conditions of one town vary from those of another, and the conditions of one part of a town from those of another part, it is scarcely probable that the question will ever be so thoroughly fought out and determined as to give a decisive and indisputable victory to any one system to the complete exclusion of all others.

4. I do not think that direct surface ventilation is, as a general rule, suitable for Bombay. Even under the most favourable conditions the ventilators emit a certain amount of offensive air and for this reason Baldwin Latham in advocating surface ventilators, as a general rule, qualifies his recommendation by the remark " provided that the streets with which they communicate are sufficiently wide."

5. Baldwin Latham professes to overcome the difficulty in narrow streets by means of his patent charcoal ventilators, but Bailey Denton, a Sanitary Engineer and author of equal reputation, says : " Charcoal is so often an evil rather than a benefit that, as a rule, charcoal should be discarded from the sewerage system."

6. The streets of Bombay in the majority of cases are decidedly narrow, and even in wide streets the whole area is used by pedestrians notwithstanding the danger incurred from wheel traffic.

7. Direct surface ventilation was adopted in the first instance throughout the newly sewered district of the city, but complaints were so numerous while the perforations in the manhole covers remained open that it has been gradually abandoned by force of public opinion and most of the perforated covers have been filled in.

8. It has been decided to undertake experiments and observations on the relative effects of different systems of ventilation upon the air of the sewers, and the results of these experiments will form a subject for the report of 1888-89.

(c.)—Pipe Sewers and House Connections.

The Corporation under their Resolution No. 894 of 25th July 1887, sanctioned for these works a grant of Rs. 11,14,929, arrived at as follows:—

(*a.*)—Pipe sewers with gully branches and street siphons	Rs.	2,87,598
(*b.*)—House sullage with gully and house pipes and trapped receptacles for liquid matter from privies	„	8,27,331
Total.....	Rs.	11,14,929

Contract forms and specifications were prepared, and tenders were advertised for on the 3rd January 1888.

2. Five tenders for the former (*a*) and six for the latter (*b*) were received on the 2nd February 1888. The Town Council accepted, under their Resolution No. 2341 of 22nd February 1888, Messrs. Bulkley & Co.'s tenders which were the lowest of those received, being lower than the next higher by Rs. 81,334.

3. The total saving which is the difference between the amounts of the office estimates and those of the accepted tenders is Rs. 1,75,453 as shewn below:—

	Amount of Estimate.	Amount of accepted Tenders.	Difference.
	Rs.	Rs.	Rs.
Pipe Sewers	9,69,505	7,94,052	1,75,453
House Connections			

4. The contracts were not executed during the year owing to several exceptions taken by Messrs. Bulkley & Co. to the contract terms on the subject of deposit, maintenance period, &c., which were still under discussion at the end of March.

3.—OVOID SEWER FROM THE CRAWFORD MARKETS ALONG HORNBY ROAD TO THE VICTORIA (BORI BUNDER) TERMINUS AND THENCE BY MINT ROAD TO THE TOWN HALL.

Contractors—Messrs. Fakir Mahomed Babanbhoy & Co.

The whole of this sewer has been completed, and finally cleaned and passed. The only work which remains to be done under this contract is the erection of 16 ventilating shafts, sites for which are being selected.

2. The contract time for the work expired on the 16th June 1885. The delay of more than 2¾ years in completing this work is due to some extent to the heavy rock-cutting which had to be done

throughout the greater part of the work and to the cutting through the masonry of the old ramparts, but principally to a want of energy and good management on the part of the contractors.

3. The whole of the work (except the ventilating shafts which will be put up shortly) has been measured, and the final accounts will be at once adjusted.

4. The following statement gives the quantities and value of work done to the end of the year :—

Quantities.	Particulars.	Rate.			Per	Amount.		
		Rs.	a.	p.		Rs.	a.	p.
326,144·60 c. ft.	General excavation in earth, moorum, boulders, &c., including filling in...	4	0	0	100 c. ft.	13,045	7	8
159,668·36 „	Rock excavation, including filling in.	12	0	0	„	19,160	2	0
8,205·73 „	Brickwork in manholes, pointed with cement and sand	50	0	0	„	4,102	8	6
23,045·05 „	Brick arching in hydraulic mortar...	58	0	0	„	13,366	1	2
3,443·47 „	Invert blocks of Portland cement concrete.....	118	12	0	„	4,089	1	2
28,177·24 „	Cement concrete for sewer walls	75	0	0	„	21,132	9	3
37,097·57 s. ft.	Render in cement and sand ½" thick on top of arch	12	0	0	100 s. ft.	4,451	7	0
133 Nos.	Unglazed earthenware disc plugs from 7½" to 5½" in diameter and ¾" thick, including mortar fillet	20	0	0	hundred	26	6	0
440 „	Steps, iron, and fixing	12	0	0	dozen.	440	0	0
31 „	Cast-iron oval covers for manholes...	20	0	0	each.	620	0	0
31 „	Cast-iron oval frames for manhole covers.....	30	0	0	„	930	0	0
133 „	6" Stoneware junction blocks laid complete	4	0	0	„	552	0	0
306·70 c. ft.	Cement concrete for manholes	83	0	0	100 c. ft.	254	5	6
158·74 „	Uncoursed rubble masonry in hydraulic mortar (with Municipal stone).....	29	0	0	„	46	0	3
186·90 „	Brickwork in hydraulic mortar (not pointed).....	50	0	0	„	93	4	5
6·00 s. ft.	Render in pure cement 1" thick	30	0	0	100 s. ft.	1	8	0
10·00 r. ft.	12" Stoneware pipe with cement joints laid complete	1	9	0	r. ft.	15	6	2
375·00 c. ft.	Cement concrete in foundation	70	0	0	100 c. ft.	262	5	0
679·66 „	Labour only in laying and ramming Municipal rubble.....	2	0	0	„	13	5	9
16¼ cwts.	Cast-iron 1" plate, including fixing, to carry old drain	8	4	0	cwt.	134	0	6
325·18 c. ft.	Cutting out brickwork for old drains.	4	0	0	100 c. ft.	14	0	1
6 Nos.	Manhole frames and covers (circular)	42	0	0	each.	252	0	0
8·74 s. ft.	4" Stone Dhapas shaped out of Municipal Stone and bedded in hydraulic mortar	37	8	0	100 s. ft.	3	2	7
1 No.	Penstock and fixing complete with key-box.....	...			...	646	9	6
	Total...Rs.					83,635	1	6

4.—12" PIPE SEWER IN SANKLI STREET.

Under contract, dated the 14th May 1887, the work of constructing a cross road from Ripon Road to Byculla Bridge, and of laying a 12" pipe sewer therein at the same time, was let to Mr. Amruta Babaji.

2. The pipe sewer work has been completed at a cost of Rs. 5,521-0-7, effecting a saving of Rs. 1,903-3-7 on the sanctioned grant of Rs. 7,424-4-2.

3. The following statement gives the quantities and cost of the sewerage work done:—

Quantities.	Particulars.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
16,502·44 c. ft.	Excavation in earth, moorum, boulders, &c., including filling in	4 0 0	100 c. ft.	660 6 0
3,166·72 ,,	Rock excavation, &c., and filling in	12 0 0	,,	380 1 0
1,384·59 r. ft.	12" Stoneware pipe laid complete	1 11 0	r. ft.	2,338 7 0
67 Nos.	12" × 6" Stoneware junctions laid complete	6 0 0	each.	402 0 0
9 ,,	Manholes built complete.....	175 0 0	,,	1,575 0 0
226·50 r. ft.	6" Stoneware pipe laid complete	0 10 0	r. ft.	141 9 0
78 Nos.	Unglazed earthenware disc plugs 7½ in. in diameter laid in mortar.....	20 0 0	hundred.	15 9 7
2 ,,	6" × 6" Stoneware gully traps	3 0 0	each.	6 0 0
2 ,,	6" Stoneware quadrant bends	2 0 0	,,	4 0 0
	Total..Rs.			5,521 0 7

5.—AGRIPADA DISTRICT.

(*a*).—*Pipe Sewers and House Branches in the Agripada District.*

Contractors :—MESSRS. FAKIR MAHOMED BABANBHOY & Co.

These works were completed long since as previously reported.

2. The contractors, having persisted in their claim for payment of the full contract amount, notwithstanding numerous reductions in the work, and having declined to accept the award of the late Consulting Engineer (Mr. Forde), proposed that Mr. W. Clerke should be appointed arbitrator to adjudicate in the matter, and their proposal has lately been acceded to by the Commissioner with the sanction of the Town Council.

3. The accounts, which have hitherto remained unadjusted, will be finally closed as soon as the arbitrator has heard the case and made his award.

(*b*.)—*House Connections.*

Numerous complaints having been made by residents in the Agripada District of the unsanitary state of the locality, and house-owners having resisted the efforts of the Municipal officers to minimize the nuisance in enforcing the provisions of Sections 174 and 185 of the Municipal Acts, on the ground that it is unfair for the Corporation to refuse to incur the expense of house connections in one section of the city while bearing the cost of such connections in others, the Corporation sanctioned, under their Resolution No. 1713, 1st December 1887, a grant of Rs. 3,820 from the surplus cash balance for the employment of the undermentioned

establishment and for the purchase of instruments, &c., in order that plans and estimates of drainage connections for all houses in the district might be prepared :—

					Rs.
4	Surveyors at	Rs. 80	per mensem	.....	320
6	„	„ 60	„	.....	360
4	„	„ 45	„	.....	180
28	Laskars	„ 10	„	.....	280
					1,140
					3
			For 3 Months	... ...	3,420
			Instruments, &c.	... ...	400
			Total	...	...Rs. 3,820

2. The survey work is in progress and will be finished in 1888-89. The results will be embodied in the report for that year.

6.—SEWERAGE OF THE FORT (PIPE SEWERS).

Contractors:—Messrs. Fakir Mahomed Babanbhoy & Co.

The whole of the trunk pipe sewers (18″, 15″, 12″ and 9″) were laid and connected with the new ovoid sewer, the principal connection being at its head near the Town Hall. The lengths of the pipe sewers are as follows :—

		Feet.
18″	Pipe	1,058·62
15″	„	2,068·96
12″	„	5,373·80
9″	„	39,652·09
	Total feet	48,153·47
	equal to 9·119 miles.	

Thirty-five flushing chambers, each having a capacity of 1,250 gallons, and fitted with an annular siphon, have been constructed. The chief works remaining to be done consist of the ventilating shafts and the pipe drains or house branches ; and these are in progress. Until the latter be done, no sanitary advantage can accrue to the Fort District from the new sewerage scheme.

2. The contractors have not persevered with the work as energetically and creditably as they did in 1886-87. On several occasions it was found necessary to issue a notice under clause IV. of the contract in order to induce them to proceed with even a moderate degree of expedition.

3. The following statement shows the quantities and cost of the work done to the end of the year :—

No. of item.	Particulars.	Rate.	Per	Work done to the end of 1886-87.		Work done during 1887-88.		Total Work done to the end of 1887-88.	
				Quantities.	Amount.	Quantities.	Amount.	Quantities.	Amount.
		Rs.			Rs.		Rs.		Rs.
1	General excavation, including filling in	8·00	100 c. ft.	856,607·92 c. ft.	68,528·63	83,210·00 c. ft.	6,656·80	939,817·92 c. ft.	75,185·43
2	Brickwork in hydraulic mortar in manholes, including cement and sand pointing on the inside and ½" cement and sand plaster on the outside	75·00	„	15,597·83 „	11,698·37	522·17 „	391·63	16,120·00 „	12,090·00
3	Brickwork in hydraulic mortar	50·00	„	1,811·00 „	905·50	.....	.....	1,811·00 „	905·50
4	Cement concrete in floor of manholes	80·00	„	1,692·29 „	1,353·83	197·16 „	157·73	1,889·45 „	1,511·56
5	Uncoursed rubble masonry in common mortar pointed with cement and sand with Municipal stone	26·00	„	11,319·52 „	2,943·07	1,570·84 „	408·42	12,890·36 „	3,351·49
6	Cement and sand filleting to mouth of manholes	5·00	c. ft.	103·421 „	517·11	7·924 „	39·61	111·345 „	556·72
7	Removing and refixing stone pavement with curbs	30·00	100 s. ft.	84·65 s. ft.	25·39	790·994 s. ft.	237·30	875·65 s. ft.	262·69
8	Cement and sand plastering ½"thick.	12·00	„	12,055·02 „	1,446·60	1,927·60 „	231·31	13,982·62 „	1,677·91
9	Removing and refixing dhapa stone covers to old drains	20·00	„	8,068·67 „	1,613·73	981·03 „	196·21	9,049·70 „	1,809·94
10	Cement plaster ½" thick (1 of cement to 1 of sand) to floors and chambers of manholes	·20	s. ft.	2,111·40 „	422·28	248·40 „	49·68	2,359·80 „	471·96
11	18" Stoneware pipes laid complete	3·60	r. ft.	175·26 r. ft.	630·93	865·74 r. ft.	3,116·67	1,041·00 r. ft.	3,747·60
12	15" do. do.	2·50	„	1,648·34 „	4,120·85	69·54 „	173·85	1,717·88 „	4,294·70
13	12" do. do.	1·65	„	5,071·68 „	8,368·27	2·12 „	3·50	5,073·80 „	8,371·77
14	9" do. do.	1·15	„	34,264·15 „	39,403·77	1,970·98 „	2,266·62	36,235·13 „	41,670·39
15	18" × 9" Stoneware junctions laid complete	13·00	each.	1 No.	13·00	.....	.....	1 No.	13·00
	Carried forward ...				1,41,991·33		13,929·33		1,55,920·66

No. of item.	Particulars.	Rate.	Per	Work done to the end of 1886-87.		Work done during 1887-88.		Total work done to the end of 1887-88.	
				Quantities.	Amount.	Quantities.	Amount.	Quantities.	Amount.
		Rs.	.....	.....	Rs.	.....	Rs.	.....	Rs.
	Brought forward...	.....	.....	.....	1,41,991·33	.....	13,929·33	.....	1,55,920·66
16	15″×9″ Stoneware Junctions laid complete ...	9·00	each.	3 Nos.	27·00	.....	.....	3 Nos.	27·00
17	12″×9″ do. do. ...	4·50	„	8 „	36·00	.....	.....	8 „	36·00
18	9″×9″ do. do. ...	3·00	„	47 „	141·00	1·0 Nos.	3·0	48 „	144·00
19	18″×6″ do. do. ...	13·00	„	4 „	52·00	17·0 „	221·0	21 „	273·00
20	15″×6″ do. do. ...	10·00	„	56 „	560·00	2·0 „	20·0	58 „	580·00
21	12″×6″ do. do. ...	6·00	„	143 „	858·00	.....	.....	143 „	858·00
22	9″×6″ do. do. ...	4·00	„	1,520 „	6,080·00	74·0 „	296·0	1,594 „	6,376·00
23	9″×6″×6″ do. do. ...	5·00	„	97 „	485·00	10·0 „	50·0	107 „	535·00
24	Cement and sand splayed fillets round 9″ pipe in lampholes	1·00	„	60 „	60·00	2·0 „	2·0	62 „	62·00
25	Making 12″ connections	8·00	„	2 „	16·00	.....	.....	2 „	16·00
26	Do. 9″ do.	5·00	„	3 „	15·00	.....	.....	3 „	15·00
27	Cast-iron frames and covers for manholes fixed complete	42·00	„	247 „	10,374·00	18·0 „	756·0	265 „	11,130·00
28	Cast-iron square frames and covers for lampholes fixed complete	27·00	„	60 „	1,620·00	2·0 „	54·0	62 „	1,674·00
29	Unglazed earthenware disc plugs from 7½″ to 5½″ diameter×1″ thick, including mortar fillet	20·00	100	1,924 „	384·80	114·0 „	22·80	2,038 „	407·60
30	Do. do. 14″ to 10″ diameter.	30·00	„	54 „	16·20	2·0 „	0·60	56 „	16·80
31	Cast-iron steps to manholes fixed complete	10·00	doz.	497 „	414·17	75·0 „	62·49	572 „	476·66
				cwt. qrs. lbs.		cwt. qrs. lbs.		cwt. qrs. lbs.	
32	Cast-iron pipes 18″, 15″, 12″ and 9″.	100·00	ton.	137 2 14	688·12	13 0 16	65·71	150 3 2	753·83
33	Removing and refixing stone pavement of sweepers' passages in hydraulic mortar, including pointing	30·00	100 s. ft.	469 s. ft.	140·70	.....	.....	469 s. ft.	140·70
34	Making 18″ connection with manhole on ovoid sewer	10·00	each.	.....	.....	1 No.	10·0	1 No.	10·00
	Total ... Rs.				1,63,959·32		15,492·93		1,79,452.25

7.—ADDITIONAL WORKS AT THE NIGHT-SOIL DEPÔTS IN GIRGAM AND KAMATIPURA.

The additional works at these depôts which had been suggested by the Health Officer were sanctioned under Town Council's Resolution No. 1501, dated 5th January 1887, to be carried out departmentally at the estimated cost of Rs. 2,490.

2. The work was commenced in February and completed in July 1887 at a net outlay of Rs. 1,935-15-3.

3. The following summaries show the results of the carrying out of the work:—

	Rs.	a.	p.
Cost of actual work as measured and calculated at estimated rates	1,914	14	11
Net outlay	1,935	15	3
Excess on work done	21	0	4
Amount sanctioned for the work	2,490	0	0
Net outlay	1,935	15	3
Savings... ...Rs.	554	0	9

4. It will be observed that, though there is a saving of Rs. 554-0-9 on the sanctioned amount, there is an excess of Rs. 21-0-4 over the value of work done as measured and calculated at estimated rates. This was owing to the large quantities of subsoil water which had to be baled out of the excavations.

5. The appended statement **A** gives the quantities and value of work done calculated at estimated rates, and **B** the details of actual expenditure.

A

Quantities.	Particulars.	Rate. Rs. a. p.	Per	Amount. Rs.
	Girgam Night-Soil Depôt.			
1,206·58 sq. ft.	Pavement 6″ thick, including 6″ lime concrete	45 0 0	100 s. ft.	542·96
201·50 „	Altering existing pavement	20 0 0	„	40·30
4 Nos.	Gratings in the hoppers	10 0 0	each.	40·00
2 „	Iron wire baskets.....	2 0 0	„	4·00
	Kamatipura Night-Soil Depôt.			
215·77 sq. ft.	Pavement 6″ thick, including 6″ lime concrete	45 0 0	100 s. ft	547·09
192·25 „	Altering existing pavement.....	20 0 0	„	38·45
4 Nos.	Cutting out doorways, including making good the masonry and corrugated iron	5 0 0	each.	20·00
1 No.	Catch-pit 3 ft. square and 3 ft. deep complete.....	.....	.....	66·13
4 Nos.	Gratings in hoppers	10 0 0	each.	40·00
576 s. ft.	Doors fixed complete, including frames fixed complete, similar to that now at Kamatipura Night-soil Depôt	1 0 0	s. ft.	576·00
	Total.....Rs.			1,914·93

B.

Executive Engineer's No.	Labour.	Materials.	Contingencies.	Total.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
2122	46 15 0	.....	.....	46 15 0	
2126	148 9 0	.....	.....	148 9 0	
2137	.....	502 12 10	.....	502 12 10	
2068	.....	7 4 0	.....	7 4 0	
2245	.....	.....	3 0 0	3 0 0	
2246	.....	.....	3 12 0	3 12 0	
50	168 1 0	.....	.....	168 1 0	
61	229 10 6	.....	.....	229 10 6	
115	.....	.....	4 0 0	4 0 0	
137	.....	.....	5 15 0	5 15 0	
129	.....	40 6 3	.....	40 6 3	
231	.....	7 0 0	.....	7 0 0	
72	.....	100 0 0	.....	100 0 0	
85	.....	43 8 0	.....	43 8 0	
402	.....	92 0 0	.....	92 0 0	
476	.....	450 13 2	.....	450 13 2	
661	19 6 0	.....	.....	19 6 0	
597	.....	18 0 0	.....	18 0 0	
600	.....	18 0 0	.....	18 0 0	
602	.....	.....	1 5 0	1 5 0	
826	.....	18 0 0	.....	18 0 0	
1163	.....	3 0 0	.....	3 0 0	
Bill to be received ...	.....	4 9 6	.....	4 9 6	
Total...Rs.	612 9 6	1,305 5 9	18 0 0	1,935 15 3	

8.—CARNAC BANDAR NIGHT-SOIL STATION.

The station has worked well during the year, and the budgetted allowance for establishment, stores, &c., has not been exceeded.

2. The engines, donkey pump, boilers, and the whole of the machinery was kept in good working order by the Engine-driver, who has always exhibited much intelligence, ability and zeal in the execution of his duties.

3. No casualty of any kind occurred to the machinery, and no special or extraordinary repairs were found necessary.

4. The temporary quarters provided for the staff of the station are very inconvenient, and owing to the necessity of frequent repairs expensive to keep up.

It is very desirable that they should be replaced with a permanent structure, provision for which will be submitted in the Budget for 1889-90.

5. The amount sanctioned and the expenditure incurred during the year are shown in the following statement :—

	Establishment. Rs.	Coal, Stores and Contingencies. Rs. a. p.
Budget Allowance...	1,020	9,600 0 0
Actual Expenditure	1,020	4,101 13 5
Difference... ...		Rs. 5,498 2 7

9.—SURFACE DRAINAGE SCHEME.

(a).—*Gowalia Tank, Tardeo Road and Arthur Road Storm-Water Drain.*

Contractors :—MESSRS. SAYAD IBRAHIM USMAN & Co.

A branch drain was constructed as proposed last year for discharging into the Tardeo Road drain the storm-water which frequently flooded the Grant Road Station yard and the surrounding locality.

2. As 18″ stoneware pipes were not available at the time of sanction, the work would consequently have had to be delayed until too late for the drain to be of any service in 1887; the substitution of a semi-ovoid masonry drain covered with stone slabs was therefore sanctioned under the Commissioner's No. 5168, dated the 4th July 1887.

3. The amount sanctioned for the work was Rs. 4,834, arrived at as follows :—

	Rs.	a.	p.
Estimated value of work	4,395	0	0
Add—10 per cent. for Contingencies ...	439	0	0
Total... Rs.	4,834	0	0

4. It was arranged that the Railway Company should bear Rs. 2,417 as their share, being half of the total sum of Rs. 4,834.

5. The work has been completed at a cost of Rs. 4,300-10-0 as shown below, and half of this amount (Rs. 2,150-5-0) will be borne by the Railway Company :—

	Rs.	a.	p.
Amount of Messrs. Sayad Ibrahim Usman and Co.'s bill	3,735	11	10
Do. of Road Department bill for restoring road	364	14	8
Do. of Mr. Byramji Jehangir's bill for carting earth	199	15	6
Total... Rs.	4,300	10	0

6. The following statement gives the quantities and cost of the work :—

Quantities.	Particulars.	Rate. Rs. a. p.	Per	Amount. Rs.
17,657·29 c. ft.	Excavation in earth, &c, including filling in	4 0 0	100 c. ft.	706·29
4,451·86 „	Rubble masonry in hydraulic mortar	33 0 0	„	1,469·11
127·84 „	Concrete in hydraulic mortar	33 0 0	„	42·19
13·33 „	Cutstone work	3 0 0	c. ft.	39·99
167·23 „	Brick masonry, including pointing and plastering.....	75 0 0	100 c. ft.	125·42
1,822·00 s. ft.	Blue stone dhapa cover, fixed complete ..	55 0 0	100 s. ft.	1,002·10
150·25 „	Cement plaster	14 0 0	„	21·03
7·748 cwts.	Cast-iron gratings, fixed complete	8 8 0	cwt.	65·86
2 Nos.	Manhole frames, round	26 0 0	each.	52·00
2 „	Do. covers, round	19 0 0	„	38·00
1 No.	Do. frame, oval	30 0 0	„	30·00
1 „	Do. cover, oval.....	20 0 0	„	20·00
9 Nos.	Cast-iron steps	9 0 0	dozen.	6·75
26 r. ft.	Stoneware pipes 18"	4 8 0	r. ft.	117·00
	Total.. Rs.			3,735·74

(b).—Mahalakshmi Storm-Water Reservoir.

In order to do away with a piece of dead water in the Storm-water Reservoir near the Clerk Road sluice gates where scum and other foul floating matter accumulated and emitted an offensive smell, the Town Council sanctioned, under their No. 356 of 18th May 1887, a grant of Rs. 5,720 (to be met from savings on the contract for the Surface Drainage Works) for filling in a small portion of the Reservoir so as to form one straight line of bank between the eastern wing wall of the sluices and waterway No. 1 in the embankment over the main sewer.

2. The work of filling in was let to Messrs. Bhomajee Shivajee & Co. under contract, dated 22nd December 1887. The whole of the work has been completed except the pitching of a portion of the bank, and this will be done very shortly.

3. The great advantages of the Reservoir have become more and more apparent, and the experience gained in regulating the sluices for the exit and admission of water has reduced the offensive smells at first complained of to a very low degree indeed, probably to the minimum attainable while sewage must continue to be received with the storm-water—a condition which can be abolished only by the entire completion of the sewerage scheme including house connections.

10.—DRAINAGE SLUICES.

The sluices and penstocks at the following places have been in charge of this Department during the year :—

(*a*) Dharavi.
(*b*) Warli.
(*c*) Love Grove.
(*d*) Flats.
(*e*) Bellasis Bridge.
(*f*) Queen's Road.
(*g*) Carnac Road.
(*h*) Mint Road.

2. The establishment formerly allowed for working the sluices having been found inadequate, and the cost of an extra establishment which was indispensable having had to be provided for last year out of the miscellaneous drainage grant, the grant for establishment for 1888-89 was increased from Rs. 1,544 to Rs. 2,204.

3. The sluices at Dharavi are becoming dilapidated, and some new doors and frames will very soon have to be fitted to them. Provision for this will be made in the next year's Budget. The channel at this place has silted up considerably and requires to be cleared.

4. A sum of Rs. 2,000 has been sanctioned for the removal of the Warli sluice gates, and the work will be put in hand at the close of the south-west monsoon of 1888.

5. The work of constructing and fitting up a triple penstock at the mouth of the old main drain at Bellasis Bridge, which was let to Messrs. Raoji Hirji & Co. under contract, dated 26th November 1886, was completed but with certain defects. The contractors having failed to remedy these defects, the work is being done depart-

mentally at their risk and expense, and will be completed before the rains of 1888.

11.—MISCELLANEOUS DRAINAGE.

The work under this head comprising repairs, alterations, construction, cleaning and flushing of sewers and drains, erection of latrines and urinals on the improved principle and superintendence of the house connections of new buildings being always increasing and having considerably increased even since the death of Mr. West, Inspector of Drains, which occurred on the 5th September 1887, it became indispensably necessary to make new and additional arrangements, and the following were adopted at my recommendation :—

(*a*) Inspector Mr. Baker to be in charge of all works in repairing, altering, constructing, cleaning and flushing sewers and drains and in erecting latrines and urinals.

(*b*) Inspector Mr. Cluley to be in charge of A, B and C Wards (with one Sub-Inspector and a Clerk to assist him), for the supervision of house connections made by house owners from time to time, and for the preparation of orders and notices.

(*c*) Inspector Mr. Bragg to be in charge of D, E, F and G Wards for the supervision of house connections made by house owners, the maintenance of the Kamatipura and Khetwadi house connections and the preparation of orders and notices. Mr. Bragg to be assisted by two Sub-Inspectors and a Clerk, one Sub-Inspector being intended specially for Kamatipura and Khetwadi.

2. These arrangements involve no increase in the budgetted grant. They will be introduced as rapidly as possible and will doubtless considerably increase the efficiency of the Department, and besides bring up the arrears which have unavoidably occurred for want of sufficient establishment.

3. Mr. Bragg with very praiseworthy intelligence and activity attended to the work of Inspector of Drains during Mr. West's illness and since his subsequent death, in addition to performing his own duties as Inspector of Kamatipura house connections, but the work which fell to his lot was more than could satisfactorily be done by any one man.

4. The following statement gives the details of the various works carried out:—

STATEMENT of Works executed under the supervision of the Inspector of Drains, during the year 1887-88.

Cons. No.	Locality.	Remarks.
	CLEANING PIPE SEWERS IN—	
1	Kamatipura	
2	Cavel Street	
3	Mazagon	
4	Haines Road	Of Dhobiwada.
5	Wari Bunder	
6	Kamatipura 3rd Street	
7	Do. 5th do.	
8	Do. 11th do.	
9	Girgam	
10	Marine Line	
11	Dhobi Talao 1st Street	
12	Marine Line	
13	Dukar Gully	
14	Kamatipura 6th Street	
15	Do. 9th do.	
16	Frere Road	
17	Mahim Bazar Road	
18	Byculla	Of Police Quarters.
19	Marine Line	
20	Bangalwadi	
21	Chikalwadi	
22	Parel	Of Government House.
23	Kamatipura 4th Street	
24	Do. 7th do.	
25	Byculla	Of Market.
26	Mahim	
27	Tardeo	
28	Dukar Gully	
29	Kamatipura 2nd Street	
30	Dhobi Talao 3rd do.	
31	Kamatipura 5th do.	
32	Do. 3rd do.	
33	Marine Line	
34	Tardeo Road	
35	Foras Road	
36	Khetwadi 10th Street	
37	Haines Road	
38	Kandewadi	
39	Marine Line	
40	Kamatipura 8th Street	
41	Do. 10th do.	
42	Do. 12th do.	
43	Parel Bhoiwada	
44	Supari Bag Road	
45	Kandewadi	
46	Meadow Street	
47	Fanaswadi	
48	Picket Road	
49	Dukar Gully	
50	Bangalwadi	
51	Kamatipura 14th Street	
52	Do. 16th do.	
53	Khetwadi 10th do.	
54	Naoghar (Mazagon)	
55	Mazagon	
56	Khetwadi 10th Street	
57	Lawrence de Lima Street	
58	Khetwadi 10th Street	

Cons. No.	Locality.	Remarks.
59	Kamatipura 13th Street...	
60	Do. 15th do.	
61	Kasara Basin	
62	Khetadi	
63	Byculla	Of Fire Brigade Station, Byculla
64	Gilder Street	
65	Khetwadi Street	
66	Elphinstone Circle Garden	
67	Khatarali	
68	Forjett Road	
69	Jairajbhai Street	
70	Mazagon P. Hospital	
71	DeLisle Road	
72	Bazar Gate Street	
73	Mahalakshmi	
74	Kasara Basin	
75	Kamatipura 2nd Street	
76	Do. 5th do.	
77	Do. 8th do.	
78	Fanaswadi	
79	Maroti Lane	
80	Bazar Gate Street	
81	Surat Street	
82	Kallachauki Road	
83	Gowalia Tank	
84	Hornby Road	
85	Girgam Road	
86	Gamdevi Road	
87	Kamatipura 3rd Street	
88	Do. 6th do.	
89	Do. 9th do.	
90	Mazagon (Naoghar)	
91	Sutar Chal Street	
92	Trinity Street	
93	Fort (Hanuman Street)...	
94	Hornby Road	
95	Frere Road	
96	Carnac Road	
97	Gunpowder Road	
98	French and Kennedy Bridges	
99	Tardeo Road	
100	Bazar Gate Street	
101	Trinity Street	
102	Dhobi Talao	
103	Dukar Gully	
104	Wellington Street	
105	Dhobi Talao 1st Street	
106	Do. 2nd do.	
107	Sutar Chal Road	
108	Mint Road	
109	Tardeo Road	
110	Gamdevi Road	
111	Tardeo Road	
112	Northbrook Street	
113	Kandewadi	
114	Dhobi Talao	
115	Cooper Street	
116	Girgam Road	
117	Tardeo and Forjett Road	
118	Khe wadi 10th Street	
119	Dhobi Talao	
120	Trinity Street	
121	Kamatipura 2nd Street	
122	Do. 8th do.	
123	Do. 12th do.	
124	Do. 15th do.	
125	Kandewadi	

	Locality.	Remarks.
	... ...	
	... ...	
	... ...	
	... ...	
	... ...	
	... ...	
	Bazar Road	
	ewadi	
	azagon (Naoghar)	
	Tardeo Road	
	Queen's Road	
137	Dukar Gully	
138	Mazagon (Coppersmith Street)	
139	Tardeo Road	
140	Cavel Street	
141	Fanaswadi	
142	Dhobi Talao	
143	Kamatipura 4th Street	
144	Do. 5th do.	
145	Do. 9th do.	
146	Tardeo Road	
147	Bazar Gate	
148	Cavel Street	
149	Kamatipura 11th Street	
150	Do. 14th do.	
151	Do. 16th do.	
152	Fanaswadi	
153	Dhobi Talao 1st	
154	Do. 2nd	
155	Marine Line	
156	Bellasis Road	
157	Kandewadi	
158	Bhoiwada Cross Road (Parel)	
159	Charni Road	
160	Khetwadi	
161	Kamatipura 12th Street	
162	Do. 13th do.	
163	Do. 15th do.	
164	Wellington Street	
165	Jairajbhai Street	
166	Haines Road	
167	Ripon Road	
168	Dukar Gully	
169	Gamdevi Road...	
170	Khetwad 10th Street	
171	Haines Road	
172	Parel (Government House)	
173	Dhobi Talao	
174	Dady Set Agiary Lane	
175	Kamatipura 14th Street	
176	Do. 7th do.	
177	Do. 8th do.	
178	Chikalwadi	
179	Dhobi Talao	
	CLEANING SLAB DRAINS IN—	
180	Fuller Road	
181	Marine Line	
182	Fuller Road	Near Watson's Hotel.
183	Carnac Road	Slab drain under footpath.
184	Falkland Road	
185	Kumbharwada	
	CLEANING MAIN SEWERS IN—	
186	Kamatipura	

Cons. No.	Locality.	Remarks.
187	Bazar Road	
188	Ripon Road	
189	Kamatipura C. Road	
190	Do. K. S. Street...	
191	Bellasis Bridge to Pumping Station ...	
	FLUSHING PIPE DRAINS IN—	
192	Frere Road	
193	Gamdevi	
194	Tardeo Road	
195	Kamatipura 9th Street	
196	Do. 9th do.	
197	Chikalwadi	
198	DeLisle Road	
199	Kamatipura 6th Street	
200	Do. 8th do.	
201	Do. 17th do.	
202	Carnac Road	
203	Cavel Street	
204	Tardeo Road	
205	Gamdevi Road	
206	Kandewadi	
207	Chikalwadi	
208	DeLisle Road	
209	Malharraowadi	
210	Bapty Road	
211	Chikalwadi	
212	Kamatipura 4th Street	
213	Do. 6th do.	
214	Do. 10th do.	
215	Gamdevi	
216	Tardeo Road	
217	Kandewadi	
218	Kamatipura 7th Street	
219	Do. 11th do.	
220	Do. 14th do.	
	FLUSHING MAIN SEWERS IN—	
221	Kamatipura Bazar Road	
222	Bandora Slaughter-house	
223	Kamatipura C. Road	
224	K. S. Street, Kamatipura	
	DRAIN CONSTRUCTION IN—	
225	Chinchpoogly	
226	Clerk Road	For waterstand pipe.
227	Clerk Road	For dipping well.
228	Haines Road	For fountain.
229	Clerk Road	For chal and inserting a cast-iron gully trap.
	REPAIRS TO PIPE DRAINSIN—	
230	Khatarali	
231	Walkeshwar Road	
232	Kamatipura 8th Street	
233	Do. 12th do.	
	CONSTRUCTING SIDE MASONRY DRAINS IN—	
234	2nd Pathan Street	
235	Northbrook Street	
236	Kumbharwada	
237	Trimbak Parashram Street	
238	Jail Road	

	Locality.	Remarks.
	... ...	
	SONRY DRAINS IN—	
	r, Belvedere Hill Road ...	
	3rd Lane	
	Parashram Street	
	r Pakady	
	rgadevi Street	
	Babula Tank Road	
6	Agripada	
247	Parel Road, near J. J. Hospital	
248	Malabar Hill	
249	Coppersmith Street, Mazagon	
	WORKS DONE ON ACCOUNT OF HEALTH DEPARTMENT, MARKETS, &C.	
250	Nakhoda Street...	Repaired urinal.
251	Fort Market	Cleaned drains.
252	Nagrada	Opened slab covers over drain for cleaning.
253	Parel Road	Do. do. do.
254	Jail Road	Cleaned drain of latrine.
255	Mutton Street	Removed urinal.
256	Grant Road	Opened slab covers over drain for cleaning.
257	Foras Road	Do. do. do.
258	Erskine Road	Do. do. do.
259	Bengalpura	Removed urinal.
260	Bori Bunder	Cleaned drain of Bigaris' Chal.
261	Jail Road	Cleaned the drain of latrine.
262	Mody Bay	Cleaned drain of latrine.
263	Kika Street	Repaired opening made for cleaning.
264	Bori Bunder	Cleaned drain of Chal.
265	Vitbalwadi ... ... — ...	Repaired urinal.
266	Hanuman Lane	Do. do.
267	Lohar Chal	Do. do.
268	Mumbadevi	Do. do.
269	Arthur Crawford Market	Do. do.
270	Mody Bay	Do. do.
271	Municipal Office	Cleaned drain of latrine.
272	Grant Road	Do. do.
273	Kika Street	Do. of urinal.
274	Carnac Bunder	Do. of latrine.
275	Apollo Road	Cleaned drain of urinal.
276	Argyle Road	Do. do.
277	Agripada	Do. of stable.
278	Islampura	Do. of latrine.
279	Kamatipura	Do. of stables.
280	Jail Road	Do. of latrine.
281	Parel Road	Opened drain for cleaning.
282	Grant Road	Do. do.
283	Islampura	Do. do. of latrine.
284	Pinjrapol	Do. do. of urinal.
285	Grant Road	Do. do. of latrine.
286	Jail Road	Do. do. do.
287	Kika Street	Do. do. of urinal.
288	Bread Market	Do. do. do.
289	Wister Lane	Repaired urinal.
290	Kennedy Bridge	Raised manhole.
291	Bori Bunder	Cleaned pipe drain.
292	Pinjrapol	Removed urinal.
293	Apollo Cross Road	Do. do.
294	Old Hanuman Street	Cleaned the drain of urinal.
295	Lohar Street	Do. do.
296	Store Lane	Repaired urinal.

Cons. No.	Locality.	Remarks
297	Bhajipala Street	Repaired [illegible]
298	DeSouza Street...	Do. [illegible]
299	Dongri Street	Do. do.
300	Pinjrapol	Cleaned drain of urin[illegible]
301	Islampura	Do. do.
302	Bori Bunder	Do. do. of C[illegible]
303	Jail Road	Cleaned drain of latrine.
304	Mint Office	Do. do.
305	Narrow Road	Do. do. of urinal.
306	Mathar Pacadi	Do. do. do.
307	Islampura	Do. do. of latrine.
308	Mint Office	Do. do. do.
309	Bori Bunder	Do. of Chal and latrine.
310	Islampura	Do. do. of latrine.
311	Pinjrapol	Do. do. of urinal.
312	DeSouza Street	Do. do. do.
313	Chinchpokli	Do. do. do.
314	Don Tad Road	Repaired urinal.
315	Ganeshwadi	Removed do.
316	Mody Bay	Cleaned drain of latrine.
317	Kamatipura Stables	Do. do.
	Private Works.	
318	Colaba	Cleaned drain of stables.
319	Bellasis Road	Do. of Byculla Club.
320	Colaba	Cleaned drain of Tramway Stable.
321	Clerk Road	Do. of Chal.
	Clearing Storm-water Entrances in—	
322	Tardeo Road	
323	Khetwadi	
324	Kamatipura	
325	Queen's Road	
326	Bellasis Road	
327	Bhendi Bazar Road	
328	Church Gate Street	
329	Bazar Gate Street	
330	Mint Road	
331	Hornby Road	
332	Esplanade Road	
333	Frere Road	
334	Elphinstone Circle Garden	
335	Byculla (Hornby Road)...	
	Erection of Urinals.	
336	Carnac Road	One-chambered urinal.
	Miscellaneous Works.	
337	Parel Road	Removed slab stone.
338	Gamdevi	Repaired manhole.
339	Bazar Gate Garden	Cleaned drain of fountain.
340	Ripon Road	Fixed ventilating pipes.
341	Agripada	Repaired arch of the drain.
342	Wari Bunder	Watched drain.
343	Parel Road, near J. J. Hospital ...	Fixed gratings to the side drain.
344	Marine Line	Opened drain for inspection.
345	Girgam	Cleaned gully traps.
346	DeLisle Road	Closed manhole.
347	Wari Bunder	Opened drain for cleaning.
348	Paltan Road	Do. for inspection.
349	Charni Road	Closed holes in manhole.
350	Frere Road	Lowered manhole.

			Remarks.
		...	... Raised manhole
		...	... Disconnected drain of well.
		...	... Covered portion of drain.
		...	... Lowered manhole.
	...	...	... Covered drain with slab.
	...	...	... Closed holes in the manhole.
	e ...	...	... Raised manholes.
	Tank Road	...	... Fixed a grating in the drain.
	keshwar ...	...	... Raised manhole.
	audby Road...	...	... Do.
	Queen's Road ...	...	... Shifted storm-water entrance.
	Hornby Road ...	...	... Removed shed from stables.
362	Elphinstone Circle Garden		... Fixed gratings to siphons.
363	Bellasis Road ...	...	... Raised manhole.
364	DeLisle Road ...	...	... Removed rope from main sewer.
365	Bellasis Road ...	...	... Fixed gratings to siphons.
366	Northbrook Street	...	... Opened drain for cleaning.
367	New Nagpada ...	...	... Do. do.
368	P. & O. Office ...	...	... Do. do.
369	Parel Road ...	...	... Examined latrine.
370	Haines Road ...	...	... Cleaned the manhole.
371	Falkland Road ...	...	... Examined main sewer.
372	Ripon Road ...	...	... Inserted gully traps to Nahanis of Chal belonging to Nagu Sayaji.
373	Charni Road ...	...	... Cleaned gully traps.
374	Ripon Road ...	...	... Erected ventilator to siphons.
375	2nd Pathan Street	...	... Do. do.
376	Northbrook Street	...	... Do. do.
377	Kumbharwada...	...	... Fixed gratings in side drain.
378	Girgam Road ...	...	... Lowered manhole.
379	Carnac Road ...	...	... Raised do.
380	Love Lane ...	...	... Made openings in the drain for cleaning.
381	Abdul Rahiman Street ...		... Do. do. do.
382	Bapu Khote Street	...	... Do. do. do.
383	Erskine Road ...	...	... Do. do. do.
384	Falkland Road ...	...	... Raised manhole.
385	Kamatipura ...	...	... Do.
386	Falkland Road...	...	

12.—MISCELLANEOUS DEPARTMENTAL WORKS.

Miscellaneous works were carried out departmentally during the year under the satisfactory supervision of Mr. Baker except for three months, from 20th September 1887 to 20th December 1887, during which Mr. Baker was on sick leave, when they were well managed by Mr. Cluley.

2. All of them were completed with savings either on the sanctioned grants or on the actual work done as measured up and calculated at the estimated rates.

3. The following is a list of the works :—

Consecutive No.	Particulars of Works.	Debited to	Date of commencement of the work.	Date of completion of the work.	Amount sanctioned for the work.	Amount expended for the work.	Remarks.
					Rs. a. p.	Rs. a. p.	
1	Stores Depôt at Bellasis Bridge	Surface Drainage Grant ..	1-2-86	31-8-87	14,949 0 0	14,718 14 4	
2	Beehive Destructor at the Municipal Workshops ...	Surplus Cash Balance ...	5-11-86	0-9-87	10,266 0 0	10,126 13 0	
3	Brick Chimney at Love Grove...	7 lakh loan	15-11-86	30-4-87	822 0 0	809 2 4	
4	A marble Fountain at the Central Station (Jacob Circle).	Amount deposited by Colonel S. S. Jacob.	16-12-86	30-6-87	2,838 0 0	3,964 3 8	
5	Repairing and covering the opening at the mouth of the Sonapur drain.	Miscellaneous Drainage Grant.	7-1-87	31-1-87	67 0 0	60 11 0	
6	House connections in the Khetwadi District ...	44 lakh loan	8-1-87	.....	60,657 0 0	72,490 9 1	A small portion remains to be completed.
7	Small culvert on Curry Road	Miscellaneous Drainage Grant.	27-1-87	8-2-87	126 0 0	107 3 2	
8	Additional works at the Girgam and Kamatipura Night-soil Depôts	Surplus Cash Balance ...	1-2-87	30-7-87	2,490 0 0	1,935 15 3	
9	Repairs to the cornice of the clock tower in the Victoria Gardens.	Annual Repairs Grant ...	23-2-87	31-5-87	506 11 9	457 15 0	
10	Cable wire fencing at Breach Vellard	Surface Drainage Grant ..	4-3-87	30-6-87	750 0 0	610 14 5	
11	A 6-chambered latrine at Chinchpokli	44 lakh loan	8-3-87	30-8-87	3,500 0 0	4,782 10 8	
12	Cleaning the Queen's Road Sewer	Miscellaneous Drainage Grant,	1-3-87	30-4-87	250 0 0	219 9 7	
13	Drain connection of the Victoria Terminus	Amount deposited by G. I. P. Railway Co.	2-5-87	20-6-87	2,181 0 0	1,467 1 3	
14	Alteration in the office room and seed house in the Victoria Gardens.	Budget Grant	10-5-87	30-6-87	1,438 0 0	1,436 1 0	
15	Brick steps to the filter beds of the Malabar Hill Reservoir.	7 lakh loan	22-5-87	30-6-87	300 0 0	299 13 3	
16	Shed for the Firemen at the Malabar Hill Reservoir	Water Works Contingencies Budget Grant.	5-6-87	30-6-87	200 0 0	199 7 6	
17	Widening the culvert on Clerk Road	Budget Grant, Health Department.	11-6-87	30-6-87	182 9 4	182 9	
18	Cook room in Victoria Gardens	Budget Grant, Section IV, Victoria Gardens.	1-7-87	30-10-87	460 0 0	459	
19	Making filter bed gates at the Malabar Hill Reservoir.	7 lakh loan	15-7-87	30-8-87	128 0 0		
20	Fixing a door to the hole left in wall on the east side of the storage basin at the Malabar Hill Reservoir.	7 lakh loan	1-8-87	12-8-87	85 6 4		
	Carried forward...				...		

Consecutive No.	Particulars of Works.	Debited to	Date of commencement of the work.	Date of completion of the work.	Amount sanctioned for the work.	Amount expended for the work.	Remarks.
	Brought forward.....				Rs. a. p.	Rs. a. p.	
21	Ventilating shaft in Church Gate Street	Miscellaneous Drainage Grant	2-8-87	20-8-87	332 0 0	300 13 6	
22	Putting up a gate on the south side of the Victoria Garden.	Budget Grant for Victoria Gardens.	2-8-87	30-8-87	131 8 6	129 0 2	
23	Diverting water entrances in Tardeo Road	Road Repairs Grant ...	15-8-87	24-8-87	180 12 8	171 9 3	
24	Screen wall around the Dick's Tank latrines ...	Budget grant for latrines and urinals.	20-8-87	2-2-88	692 0 0	663 12 5	
25	Laying a pipe sewer in Girgam Back Road... ...	Balance 17 lakh loan ...	2-9-87	30-9-87	494 0 0	448 3 9	
26	Constructing a brick arch at the Crawford fountain in Falkland Road.	Water Works Contingencies Grant.	2-9-87	0-10-87	89 4 2	85 4 3	
27	Encasing the kachra burning furnace at Love Grove with a lining of brickwork set in mortar.	7 lakh loan	6-9-87	30-11-87	475 0 0 For two	574 13 6	
28	Altering the slopes of the galleries at the Beehive Destructor.	Commissioner's Discretional Allowance.	15-9-87	18-1-88	759 0 0	371 0 9	
29	Fixing a tablet stone to the Kawasji Patel tank ...	Do. ...	12-10-87	30-10-87	32 12 10	29 5 0	
30	Construction of a culvert on the Race Course ...	Surface Drainage Contingencies.	21-10-87	30-1-88	1,566 0 0	1,431 2 10	
31	Draining water from the Race Course	Miscellaneous Drainage Grant.	29-10-87	30-11-87	150 0 0	147 14 3	
32	Cleaning of the open main drain	Do. ...	2-11-87	31-3-88	1,000 0 0	986 15 10	
33	Railing round the Water Works compound in De Lisle Road.	Budget Grant	21-11-87	31-1-88	3,000 0 0	2,847 9 4	
34	Raising the partition wall of Laskars' quarters at the Water Works Stores in DeLisle Road.	44 lakh loan	21-11-87	31-1-88	425 0 0	422 11 0	
35	Altering the siphon pipe of the Malabar Hill Reservoir.	7 lakh loan	16-12-87	27-2-88	530 0 0	131 9 1	
36	Removing and rebuilding a side drain in Khetwadi Main Road.	Miscellaneous Drainage Grant.	16-12-87	30-1-88	311 0 0	277 11 4	
37	Repairs to the wooden bridge in Arthur Road ...	Surplus Cash Balance ...	11-1-88	31-1-88	571 8 0	442 0 4	
38	Fencing round the engine house, &c., at Love Grove.	7 lakh loan	24-1-88	29-2-88	297 0 0	261 9 6	
39	Laying 9" pipe from the Tardeo storm-water drain.	Miscellaneous Drainage Grant.	1-3-88	24-3-88	259 0 0	209 5 2	
40	Metalling the open space at the Dick's Tank latrines	Savings, Conservancy Branch, Health Department Budget.	24-2-88	30-3-88	220 0 0	199 1 6	
41	Repairs to the jolly boat in the Mahalakshmi storm-water reservoir.	Miscellaneous Drainage Grant.	25-2-88	28-2-88	20 0 0	17 6 0	

13.—STORES DEPÔT.

The stores received during the year have occupied almost the whole space available, extending from Bellasis Bridge as far as Arthur Road. It is probable that the stores for the Queen's Road and Girgam Sewerage Works will necessitate the provision of further accommodation at either New Foras Road or some other suitable place.

(*a*).—*Stoneware.*

Messrs. Richardson & Cruddas offered to supply the stoneware pipes and specials required for the drainage of the Queen's Road and Girgam District at reduced prices; but similar proposals having been received from other firms, it was deemed unadvisable to dispense with the usual public advertisement for tenders.

2. The lowest tender was one for what are known as country-made pipes, but it would have been bad policy to depart from the quality of "best" or "town-made," which has hitherto been invariably used in the Bombay Sewerage Works and given satisfaction. Messrs. Richardson & Cruddas's tender was the lowest for the "town made" quality of stoneware and it was accepted under Town Council's Resolution No. 75, dated 11th April 1888.

3. The tender amounted to Rs. 1,81,504, which is Rs. 24,146·125 less than the office estimate.

4. It is a satisfaction to know that Messrs. Doulton & Co.'s pipes which have earned a world-wide reputation for excellence will be used for the important extension of the sewerage system into the Queen's Road and Girgam District.

(*b*).—*Cast-Iron Fittings.*

On the 19th October 1887 two tenders were received—one from Messrs. Walsh, Lovett & Co. and the other from Mr. Isufali Ismalji—for the supply of cast-iron and zinc ventilating shafts for the Fort Sewerage District.

2. Mr. Isufali's tender, though lower than that of Messrs. Walsh Lovett & Co. by Rs. 253, stipulated for eight months to complete delivery, while only four months were required by Messrs. Walsh, Lovett & Co.

3. In November 1887 Messrs. Walsh, Lovett & Co. proposed to reduce their tender to the rates of their contract for the supply of cast-iron fittings for the First Drainage Section (contract, dated the 21st June 1886), on condition that the supply of fittings for the Queen's Road and Girgam Drainage District were also entrusted to them at the same rates.

4. These rates being very reasonable and considerably the lowest likely to be received, the Town Council sanctioned the acceptance of their tender for the supply of cast-iron and zinc ventilating shafts for the Fort, amounting to Rs. 7,596, and that for the cast-iron fittings for the Queen's Road and Girgam Drainage District, amounting to Rs. 1,73,472.

(*c*).—*Cement.*

On the 12th January 1888, a contract was entered into with Messrs. Walsh, Lovett & Co. for the supply of 2,000 casks of Portland cement at Rs. 7-12-0 per cask of $3\frac{1}{2}$ cwt. net. Up to the close of the year, about 1,200 casks had been supplied, and the cement had stood the required tests.

2. From the following statements it will be seen that the value of the stores in hand at the commencement of the year was Rs. 2,87,873-5-3; the value of the receipts during the year was Rs. 86,687-6-6, while that of the issues was Rs. 72,913-3-11, the value of stock in hand at the close of the year being Rs. 2,86,248-9-3.

STATEMENT of Stoneware Pipes, &c., received and issued on account of Drainage and other Works during the year ending 29th February 1888.

	1		2		3		4		5		6		7		8	
	18" Plain Pipes 2' long.		15" Plain Pipes 2' long.		12" Plain Pipes 2' long.		9" Plain Pipes 3' long.		9" Plain Pipes 2' long.		6" Plain Pipes 3' long.		6" Plain Pipes 2' long.		4" Plain Pipes 3' long.	
	Nos.	Amount.	Nos.	Amount.	Nos	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p		Rs. a. p.
Old Stock	476	2,531 13 6	486	1,910 7 5	769	1,683 7 11	2	5 0 0	2659	3,714 9 11	1685	2,527 8 0	..	....	..	....
New Stock (received as per contract of 1884 and subsequent additions)	..	....	..	....	..	....	..	....	..	....	2000	3,296 0 0	112046	1,03,642 8 10	2656	3,609 8 1
Pipes, &c., dug out from Kamatipura, Dhobiwada, &c.	..	....	..	....	647	1,597 4 6	..	....	6	9 9 0	..	....	78	70 11 0	1	1 3 0
Total Balance on 1st March 1887	476	2,531 13 6	486	1,910 7 5	1416	3,280 12 5	2	5 0 0	2665	3,724 2 11	3685	5,823 8 0	112124	1,03,713 3 10	2657	3,610 11 1
RECEIPTS.																
Messrs. Richardson & Cruddas	..	....	48	188 11 3	..	....	..	....	987	816 2 10	..	....	8629	7,981 13 3	653	887 2
Pipes, &c., returned by the Contractors, and recovered from the broken ones, &c.	2	26 0 0	..	....	9	22 3 6	..	....	34	57 3 0	..	....	37½	36 15 0	..	....
Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Total	478	2,557 13 6	534	2,099 2 8	1425	3,302 15 11	2	5 0 0	3686	4,597 8 9	3685	5,823 8 0	120790½	1,11,732 0 1	3310	4,497 13 10
ISSUES.																
Messrs. Sayad Ibrahim Usman & Co. (Surface Drainage)	14	91 0 0	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	168	966 0 0	401	1,578 15 0	..	....	..	....	647	1,071 12 8	50	78 2 0	1476	1,237 5 7	..	....
Inspector Mr. Baker (Khetwadi House Connection Work)	..	....	..	....	..	....	..	....	..	....	160	263 10 10	7898	7,305 10 5	50	67 15 2
Mr. Amruta Babaji	..	....	..	....	687	1,787 9 2	..	....	..	....	..	....	111	102 9 10	..	....
The Inspector of Miscellaneous Drains, Mr. Bragg	..	....	..	....	12	33 13 0	..	....	..	....	..	....	213	204 8 5	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	500	796 14 0	..	....	..	....	..	....
Inspector Mr. Baker and Mr. Cluley for Miscellaneous Departmental Works	11	63 4 0	..	....	..	....	..	....	431	680 10 7	..	....	325	300 0 0	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	75	133 9 6	..	....	64	94 0 0
Broken by Mr. R. D. Madon and at the Depôt	..	....	..	....	22	57 2 10	..	....	..	....	33	56 12 0	283	270 6 0	3	4 1 3
Total	193	1,120 4 0	401	1,578 15 0	721	1,878 9 0	..	....	478	2,549 5 3	318	532 2 4	10311	9,520 8 3	117	166 0 5
BALANCE.																
Balance on 1st March 1888	285	1,515 9 10	133	522 13 2	704	1,831 12 11	2	5 0 0	2208	3,084 9 8	1367	2,080 8 0	110479½	1,02,193 8 7	3193	4,339 4 7
											2000	3,296 0 0				
											3367	5,346 8 0				

	9		10		11		12		13			
	4" Plain Pipes 2' long.		4" Plain Pipes 1' long.		18" × 9" Single T Junctions.		15" × 9" Single T Junctions.		12" × 9" Single T Junctions.		9" × T Ju	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amo
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Old Stock	..	....	..	....	..	....	9	64 11 9	..	....	..	....
New Stock (received as per contract of 1884 and subsequent additions)	25148	18,433 7 9	2376	869 9 10	16	146 9 9	..	....	17	65 5 10	29	65 6 4
Pipes, &c., dug out from Kamatipura, Dhobiwada, &c.	..	....	..	....	..	....	..	....	..	....	..	....
Total Balance on 1st March 1887..	25148	18,433 7 9	2376	869 9 10	16	146 9 9	9	64 11 9	17	65 5 10	29	65 6 4
RECEIPTS.												
Messrs. Richardson & Cruddas	491	359 14 6	..	....	..	....	..	....	..	....	..	....
Pipes, &c., returned by the Contractors, and recovered from the broken ones, &c.	5½	4 5 8	..	....	..	....	..	....	..	....	..	....
Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....
Total..	25644½	18,797 11 11	2376	869 9 10	16	146 9 9	9	64 11 9	17	65 5 10	29	65 6 4
ISSUES.												
Messrs. Sayad Ibrahim Usman & Co. (Surface Drainage)	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	660	522 10 5	267	105 11 7	..	....	2	14 0 0	..	....	..	....
Inspector Mr. Baker (Khetwadi House Connection Work)	3089	2,264 3 9	1722	630 4 0	..	....	..	....	..	....	..	....
Mr. Amruta Babaji	..	....	..	....	..	....	..	....	..	....	..	....
The Inspector of Miscellaneous Drains, Mr. Bragg	50	39 9 4	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....
Inspector Mr. Baker and Mr. Cluley for Miscellaneous Departmental Works	53	73 10 5	..	....	..	....	..	....	..	....	..	....
Miscellaneous	1	0 12 8	..	....	..	....	..	....	..	....	..	....
Broken by Mr. R. D. Madon and at the Depôt	60	44 4 8	..	....	1	9 2 7	..	....	1	4 2 6	3	7 2 1
Total..	3953	2,945 3 3	1989	735 15 7	1	9 2 7	2	14 0 0	1	4 2 6	3	7 2 1
BALANCE.												
Balance on 1st March 1888	21691½	15,899 13 11	387	141 10 3	15	137 7 1	7	50 5 7	16	61 8 4½	26	58 10 1

	17		18		19		20		21		22		23		24	
	12"×6" Single Quadrant Junctions.		9" × 6" Single Quadrant Junctions.		6"×6" Single Quadrant Junctions.		6"×4" Single Quadrant Junctions 2' long.		6" × 4" Single Quadrant Junctions 1 foot long.		6"×4"×4" Double Quadrant Junctions.		6" Direct Junction Blocks.		6" Siphon Traps.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Old Stock	..	....	..	....	104	133 12 8	..	....	..	....	158	395 0 0	..	....	2372	11,860 0 0
New Stock (received as per contract of 1884 and subsequent additions)	279	1,419 8 10	403	1,258 2 8	3841	5,331 4 11	19734	27,390 12 8	1227	1,418 7	568	1,510 5 0	105	403 11 7	2423	13,169 0 1
Pipes, &c., dug out from Kamatipura, Dhobiwada, &c.	..	....	1	2 15 8	..	....	..	....	..	....	..	....	..	....	..	....
Total Balance on 1st March 1887	279	1,419 8 10	404	1,261 2 4	3945	5,465 1 7	19734	27,390 12 8	1227	1,418 6 7	726	1,905 5 0	105	403 11 7	4795	25,029 0 1
RECEIPTS.																
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	655	757 5 6	..	....	..	....	..	....
Pipes, &c., returned by the Contractors and recovered from the broken ones, &c.	2	9 12 6	9	26 13 0	..	....	..	....	3	3 12 0	2	4 9 6	..	....	..	....
Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Total	281	1,429 5 4	413	1,287 15 4	3945	5,465 1 7	19734	27,390 12 8	1885	2,179 8 1	728	1,909 14 6	105	403 11 7	4795	25,029 0 1
ISSUES.																
Messrs. Sayad Ibrahim Usman & Co. (Surface Drainage)	..	....	..	....	..	....	..	....	..	....	..	....	..			
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	..	....	..	....	130	176 0 6	245	331 11 10	100	125 0 0	5	13 2 0	1			
Inspector Mr. Baker (Khetwadi House Connection Work)	..	....	..	....	599	831 6 7	1787	2,480 5 8	1780	2,057 10 11	60	159 8 8	..			
Mr. Amruta Babaji	68	345 15 8	..	....	..	....	..	....	..	....	..	....	..			
The Inspector of Miscellaneous Drains, Mr. Bragg	..	....	..	....	..	....	..	....	..	....	..	....	..			
Mr. Sittaram Lakshuman	..	....	30	89 6 0	..	....	..	....	..	....	..	....	..			
Inspector Mr. Baker and Mr. Cluley for Miscellaneous Departmental Works	..	....	11	34 12 0	12	17 2 0	19	27 7 8	..	....	9	25 14 0				
Miscellaneous	..	....	..	....	..	....	7	10 8 0	..	....	..	....				
Broken by Mr. R. D. Madon and at the Depôt	..	....	1	3 2 0	16	23 1 9	16	22 10 6	..	....	1	2 14				
Total	68	345 15 8	42	127 4 0	757	1,047 10 10	2074	2,872 11 8	1880	2,182 10 11	75	201				
BALANCE.																
Balance on 1st March 1888	213	1,083 11 11	371	1,158 4 2	3188	4,424 15 1	17660	4,424 15 1	5	5 12 6	83 570					

	25		26		27		28		29					
	6" × 6" Gully Traps Fig. DW.		6" × 6" Gully Traps Fig EV.		12" Plain Pipes 2' long (Half Socket).		9" Plain Pipes 2' long (Half Socket).		6" Plain Pipe 2' long (Half Socket).					
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.				
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.				
Old Stock	..	....	..	....	..	....	..	....	..	....	143			
New Stock (received as per contract of 1884 and subsequent additions)	11528	26,664 4 3	5004	11,574 4 0	..	....	..	....	..	....	..			
Pipes, &c., duz out from Kamatipura, Dhobiwada, &c.	..	....	..	....	617	1,523 3 6	22	35 1 0	22	19 15 0	..			
Total Balance on 1st March 1887..	11528	26,664 4 3	5004	11,574 4 0	617	1,523 3 6	22	35 1 0	22	19 15 0	143	527		
RECEIPTS.														
Messrs. Richardson & Cruddas	..	....	616	1,424 8 0	..	....	..	....	..	....	..	....		
Pipes, &c., returned by the Contractors and recovered from the broken ones, &c.	..	....	..	....	..	....	..	....	..	....	..	....		
Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....		
Total..	11528	26,664 4 3	5620	12,998 12 0	617	1,523 3 6	22	35 1 0	22	19 15 0	143	527 5 0		
ISSUES.														
Messrs. Sayad Ibrahim Usman & Co. (Surface Drainage)	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	25	55 11 8	97	231 13 1	..	....	..	....	..	....	..	....	128	173 5 3
Inspector Mr. Baker (Khetwadi House Connection Work)	1335	3,087 13 8	659	1,524 4 3	..	....	..	....	..	....	..	....	455	585 5 5
Mr. Amruta Babaji	..	....	..	....	..	....	..	....	..	....	..	....	2	2 9 2
The Inspector of Miscellaneous Drains, Mr. Bragg	..	....	..	....	..	....	..	....	..	....	..	....	25	32 2 7
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Inspector Mr. Baker and Mr. Cluley for Miscellaneous Departmental Works	9	22 8 0	21	47 14 3	..	....	..	....	..	....	..	....	12	16 0 9
Miscellaneous	..	....	..	....	502	1,239 5 0	22	35 1 0	9	8 2 6	..	....	1	1 4 7
Broken by Mr. R. D. Madon and at the Depôt	8	16 8 0	..	....	..	....	..	....	..	....	5	17 14 2	9	11 0 3
Total..	1377	3,184 9 4	777	1,803 15 7	502	1,239 5 0	22	35 1 0	9	8 2 6	5	17 14 2	632	822 5 0
BALANCE.														
Balance on 1st March 1888	10151	23,479 4 2	4843	11,201 13 9	115	283 14 6	..	....	13	11 12 6	138	504 14 0	1225	1,573 5 5

	32		33		34		35		36		37		38	
	6" Flat Segmental Bends.		4" Quadrant Bends.		4" Flat Segmental Bends.		Soil Pans.		7" × 7" Gully Traps Fig. BY.		7"×7" Gully Traps Fig. CX.		Gully Traps No. 19 with Iron Grids.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Old Stock	2	2 9 1	1018	1,145 4 0	1572	1,768 8 0	24	366 12 0	796	1,691 8 0	2	4 4 0	4	20 0 0
New Stock (received as per contract of 1884 and subsequent additions)	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Pipes, &c., dug out from Kamatipura, Dhobiwada, &c.	3	4 1 0	..	....	..	....	..	....	..	....	..	....	..	....
Total Balance on 1st March 1887	5	6 10 2	1018	1,145 4 0	1572	1,768 8 0	24	366 12 0	796	1,691 8 0	2	4 4 0	4	20 0 0
RECEIPTS.														
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Pipes, &c., returned by the Contractors and recovered from the broken ones, &c.	..	....	..	....	..	....	..	....	2	6 0 0	..	....	..	....
Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Total..	5	6 10 2	1018	1,145 4 0	1572	1,768 8 0	24	366 12 0	798	1,697 8 0	2	4 4		
ISSUES.														
Messrs. Sayad Ibrahim Usman & Co. (Surface Drainage)	..	....	..	....	..	....	..	....	..	....	..			
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	..	....	..	....	500	593 15 5	..	....	131	292 0 1	..			
Inspector Mr. Baker (Khetwadi House Connection Work)	..	....	1014	1,140 12 0	806	906 12 0	..	....	522	1,109 4 0	..			
Mr. Amrita Babajee	..	....	..	....	..	....	..	....	3	4 4 0	..			
The Inspector of Miscellaneous Drains, Mr. Bragg	..	....	..	....	..	....	..	....	..	....	..			
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..			
Inspector Mr. Baker and Mr. Cluley for Miscellaneous Departmental Works	..	....	4	4 8 0	13	15 7 1	..	....	..	....	..			
Miscellaneous	..	....	..	....	..	....	..	....	1	2 2 0	..			
Broken by Mr. R. D. Madon and at the Depôt	..	....	..	....	3	3 6 0	..	....	..	....	..			
Total..	..	....	1018	1,145 4 0	1322	1,519 8 6	..	....	656	1,407 1				
BALANCE.														
Balance on 1st March 1888	5	6 10 2	..	....	250	281 4 0	24	366 12 0	142					

	39		40		41		42		43		44		45	
	9″ × 6″ Tapers.		6″ Segmental Blocks.		12″ × 9″ Oblique Junctions.		9″ × 9″ Oblique Junctions.		9″ × 5½″ Oblique Junctions.		6″×6″ Oblique Junctions.		12″ × 6″ Oblique Junctions.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Old Stock	459	903 4 6	9	41 9 3	..	....	..	....	..	....	1	1 0 0	..	....
New Stock (received as per contract of 1884 and subsequent additions)	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Pipes, &c., dug out from Kamatipura, Dhobiwada, &c.	..	....	..	....	50	184 6 0	22	47 1 6	(9″×6″) 34	74 14 9	1	1 0 0	2	7 4 2
Total Balance on 1st March 1887	459	903 4 6	9	41 9 3	50	184 6 0	22	47 1 6	35	74 14 9	2	2 0 0	2	7 4 2
RECEIPTS.														
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Pipes, &c., returned by the Contractors, and recovered from the broken ones, &c.	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Total	459	903 4 6	9	41 9 3	50	184 6 0	22	47 1 6	35	74 14 9	2	2 0 0	2	7 4 2
ISSUES.														
Messrs. Sayad Ibrahim Usman & Co. (Surface Drainage)	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Inspector Mr. Baker (Khetwadi House Connection Works)	1	2 0 6	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Amruta Babajee	..	....	..	....	..	....	..	....	..	....	..	....	..	....
The Inspector of Miscellaneous Drains, Mr. Bragg	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Inspector Mr. Baker and Mr. Cluley for Miscellaneous Departmental Works	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Broken by Mr. R. D. Madon and at the Depôt	..	....	..	....	..	....	1	2 2 3	2	4 4 6	..	....	..	....
Total	1	2 0 6	..	....	..	....	1	2 2 3	2	4 4 6	..	....	..	....
BALANCE.														
Balance on 1st March 1888	458	991 4 0	9	41 9 3	50	184 6 0	21	44 15 3	33	70 10 3	2	2 0 0	2	7 4 2

	46		47		48		49		50		51	
	9" Segmental Bends.		6" Stoneware Outlet Piece with Metal Flap.		9" Plain Pipes 2' long.		12" Stoneware Outlet Piece with Metal Flap.		9½" Segmental Bends.		Total.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Old Stock	..	....	..	....	..	....	..	....	..	....	..	.....
New Stock (received as per contract of 1884 and subsequent additions)	..	....	..	....	..	....	..	....	..	....	..	.....
Pipes, &c., dug out from Kamatipura, Dhobiwada, &c.	6	12 10 6	1	2 10 6	61	92 2 2	..	....	..	....	..	.....
Total Balance on 1st March 1887	6	12 10 6	1	2 10 6	61	92 2 2	..	....	..	....	205780	2,59,255 12 9
RECEIPTS.												
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	12079	12,415 10 0
Pipes, &c., returned by the Contractors, and recovered from the broken ones, &c.	3	6 5 3	..	....	..	....	..	....	1	3 6 0	112	210 0 9
Municipal Stores	..	....	..	....	..	....	4	28 0 0	..	....	4	28 0 0
Total..	9	18 15 9	1	2 10 6	61	92 2 2	4	28 0 0	1	3 6 0	217975	2,71,909 7 7
ISSUES.												
Messrs. Sayad Ibrahim Usman & Co. (Surface Drainage)	..	....	..	....	..	....	..	....	..	....	14	91 0 0
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	..	....	..	....	..	....	1	7 0 0	..	....	5049	8,385 2 1
Inspector Mr. Baker (Khetwadi House Connection Work)	..	....	..	....	..	....	3	21 0 0	..	....	22136	25,503 4 0
Mr. Amruta Babajee	..	....	..	....	..	....	..	....	..	....	870	2,242 15 10
The Inspector of Miscellaneous Drains, Mr. Bragg	..	....	..	....	..	....	..	....	..	....	302	329 14 4
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	530	886 4 0
Inspector Mr. Baker and Mr. Cluley for Miscellaneous Departmental Works	..	....	..	....	..	....	..	....	..	....	975	1,358 8 9
Miscellaneous	..	....	..	....	..	....	..	....	..	....	683	1,530 11 3
Broken by Mr. R. D. Madon and at the Depôt	..	....	..	....	..	....	..	....	..	....	512	782 10 7
Total..	..	....	..	....	..	....	4	28 0 0	..	....	31071	41,110 6 10
BALANCE.												
Balance on 1st March 1888	9	18 15 9	1	2 10 6	61	92 2 2	..	....	1	3 6 0	186904	2,12,527 7 0

STATEMENT of Cast-iron Fittings, &c., received and issued on account of Drainage and other Works during the year ending 29th February 1888.

	1		2		3		4		5		6		7		8	
	6' length of 2½" C. I. Pipe with Socket and Lugs		4' length of 2½" C. I. Pipe with Socket and Lugs		3' length of 2½" C. I. Pipe with Socket and Lugs		2' length of 2½" C. I. Pipe with Socket and Lugs.		1' length of 2½" C. I. Pipe with Socket and Lugs.		2½" C. I. Cistern Heads.		2½" C. I. Ventilating Siphons.		2½" C. I. Obtuse Angle Pieces.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	..	....	..	....	..	....	28	20 2 7	1062	424 12 11	2505	1,327 10 5	403	326 9 3	1	0 6 5
„ Walsh, Lovett & Co.	876	1,314 0 0	69	76 9 5	753	677 11 2	459	358 0 4	362	181 0 0	1180	719 12 9	310	403 0 0	326	120 9 11
Workshops and Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL BALANCE ON 1ST MARCH 1887	876	1,314 0 0	69	76 9 5	753	677 11 2	487	378 2 11	1424	605 12 11	3685	2,047 7 2	713	749 9 3	327	121 0 4
RECEIPTS.																
Messrs. Walsh, Lovett & Co.	5149	7,723 8 0	2240	2,486 6 5	3331	2,997 14 5	5042	3,932 12 2	10618	5,309 0 0	7817	4,768 5 11	4255	5,531 8 0	705	260 13 7
Workshops or Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Returned by the Contractors, &c.	11	17 7 7	1	1 2 1	17	15 10 9	13	9 5 6	15	6 0 3	7	3 11 6	4	3 7 0	35	14 7 0
TOTAL	6036	9,054 15 7	2310	2,564 1 11	4101	3,691 4 4	5542	4,320 4 7	12057	5,920 13 2	11509	6,819 8 7	4972	6,284 8 3	1067	396 4 11
ISSUES.																
Mr. A. Baker (Khetwadi House Connection)	3161	4,741 8 0	1447	1,606 2 8	1133	1,019 11 2	1452	1,132 8 11	1773	886 8 0	2054	1,252 15 0	402	522 9 7	1021	377 12 4
Messrs. Fakirmahomed Babanbhoy & Co., (Port Pipe Sewer)	575	913 13 7	30	33 15 3	30	27 9 11	30	21 9 5	10	4 0 2	..	....	..	....	45	53 7 5
Inspector of Miscellaneous Drains	41	61 8 0	1	1 1 9	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Cluley and Mr. Baker (Petty Departmental Works)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Sayad Ibrahim Usman & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Amruta Babaji	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	1	0 8 0	1	1 9 9	..	....	..	....
TOTAL	3777	5,716 13 7	1478	1,641 3 8	1163	1,047 5 1	1482	1,154 2 4	1784	891 0 2	2055	1,253 8 9	402	522 9 7	1066	431 3 9
BALANCE ON 1ST MARCH 1888	2259	3,388 8 0	832	923 8 4	2938	2,644 3 2	4060	3,166 12 10	10273	5,136 8 0	450	238 8 0	1	0 13 9	1	0 5 11
											9004	5,491 14 2	4569	5,937 15 0		
											9454	5,736 6 2	4570	5,938 12 9		

	9		10		11		12		13		14		15		16	
	2½" C. I. Horizontal Angle Pieces.		2½" C. I. Elbows.		2½" C. I. Y Junction Pieces.		2½" C. I. Reversed Y Junction Pieces.		2½" C. I. Offset Pieces.		2½" C. I. Tee Pieces with Sockets.		2½" C. I. Ventilating T Heads.		2½" C. I. Ventilating Discharge Pipe.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	..	....	..	....	98	96 0 8	19	18 9 11	1	0 6 5	10	8 9 7	1245	659 13 7	488	317 3 2
„ Walsh, Lovett & Co.	4	2 8 11	8	3 3 2	263	168 5 1	67	40 3 2	7	3 1 10	327	215 13 1	..	....	371	326 7 3
Workshops and Miscellaneous	17	14 5 6	..	....	..	....	17	15 12 2	..	....	..	....	..	....	..	....
TOTAL BALANCE ON 1ST MARCH 1887 ..	21	16 14 5	8	3 3 2	361	264 5 9	103	74 9 3	8	3 8 3	337	224 6 8	1245	659 13 7	859	643 10 5
RECEIPTS.																
Messrs. Walsh, Lovett & Co.	36	23 0 8	61	24 6 5	709	453 12 2	277	166 3 0	53	23 9 3	1475	973 8 0	..	....	10838	9,537 7 0
Workshops or Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Returned by the Contractors, &c.	7	8 5 0	5	2 10 6	5	4 14 4	..	....	..	....	12	10 5 0	1153	611 1 6	20	13 0 4
TOTAL..	64	48 9 1	74	30 4 1	1075	723 0 3	380	240 12 3	61	27 1 6	1824	1,208 3 8	2398	1,270 15 1	11717	10,194 1 9
ISSUES.																
Mr. A. Baker (Khetwadi House Connection)	31	19 13 5	37	14 12 10	98	62 11 6	19	11 6 5	44	19 9 4	1376	908 2 7	1244	659 5 1	3484	3,065 14 9
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	10	11 14 5	37	19 9 9	..	....	..	....	17	6 12 10	..	....	142	75 5 0	..	....
Inspector of Miscellaneous Drains	..	....	..	....	..	....	..	....	..	....	..	....	7	3 11 6	3	2 10 3
Mr. Cluley and Mr. Baker (Petty Departmental Works)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Sayad Ibrahim Usman & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Amruta Babaji	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....	1	0 14 1
TOTAL..	41	31 11 10	74	34 6 7	98	62 11 6	19	11 6 5	61	26 6 2	1376	908 2 7	1393	738 5 7	3488	3,069 7 1
BALANCE ON 1ST MARCH 1888....	23	14 11 6	..	....	977	625 4 6	344	206 6 2	..	....	448	317 10 10	1005	884 6 5	8229	7,241 8 4
							17	15 12 0								
							361	212 2 2								

	17		18		19		20		21		22		23		24	
	2½" C. I Collars for Cut Pipes.		2½" C. I. Socket Straps.		2½" C. I Socket Disks.		2½" C I. Sp'got Straps.		2½" C.I. Socket Gratings with Legs.		C. I. Gratings for 2½" Cistern Heads.		C. I. Nahani Gratings 3½" × 3½" with Horns.		C. I. Gratings 5½" × 5½" for Gully Traps.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	337	111 3 4	2697	350 9 9	..	.....	2376	308 14 1	304	21 4 6	398	1 7 7 4	54	10 12 10	180	48 9 7
,, Walsh, Lovett & Co	216	38 14 1	..	....	171	10 4 2	..	....	187	26 1 9	522	151 6 1	1726	207 1 11	5	1 8 0
Workshops and Miscellaneous	..	....	..	....	..	.....	..	....	..	....	..	....	1	0 1 10	..	....
TOTAL BALANCE ON 1ST MARCH 1887 ..	553	150 1 5	2697	350 9 9	171	10 4 2	2376	308 14 1	491	47 6 3	920	258 13 5	1781	218 0 7	185	50 1 7
RECEIPTS.																
Messrs. Walsh, Lovett & Co.	1768	317 3 10	..	....	1568	96 1 3	..	....	1567	219 6 1	1732	502 4 6	13991	1,078 14 9	363	103 14 5
Workshops or Municipal Stores	..	....	..	....	..	.....	..	....	..	....	..	....	..	....	..	....
Returned by Contractors, &c.	44	14 7 0	2	0 4 2	..	.....	28	3 10 4	7	0 7 7	12	3 4 0	3	0 9 6	..	....
TOTAL..	2365	481 12 3	2699	350 13 11	1739	106 5 5	2404	3 2 8 5	2065	267 3 11	2664	764 5 11	15775	1,297 8 10	548	159 0 0
ISSUES.																
Mr. A. Baker (Khetwadi House Connection)	337	60 10 7	2697	350 9 9	871	52 4 2	2376	308 14 0	704	98 9 0	393	115 6 9	3559	427 1 3	264	79 3 2
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	125	41 4 0	..	....	..	.....	..	....	..	....	..	....	..	....	165	44 8 10
Inspector of Miscellaneous Drains	..	....	..	....	..	.....	..	....	1	0 2 3	..	....	2	0 3 10	12	3 9 0
Mr. Cluley and Mr. Baker (Petty Department Work)	..	....	..	....	..	.....	..	....	..	....	..	....	..	....	..	....
Messrs. Sayad Ibrahim Usman & Co.	..	....	..	....	..	.....	..	....	..	....	..	....	..	....	17	4 9 5
Mr. Amruta Babaji	..	....	..	....	..	.....	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	.....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	.....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	.....	..	....	..	....	..	....	1	0 1 11	1	0 4 9
TOTAL..	462	101 14 7	2697	350 9 9	871	52 4 2	2376	308 14 0	705	98 11 3	398	115 6 9	3562	427 7 0	459	132 3 2
BALANCE ON 1ST MARCH 1888 ..	1903	342 8 8	2	0 4 2	868	52 1 3	28	3 10 4	1360	190 6 5	2256	657 2 3	12213	1,465 9 0	89	26 11 2

	25			26			27			28			29			30					32		
	6' length of C. I. Ventilating Tube (with Diaphragm.)			6' length of Zinc Ventilating Tube (with Diaphragm).			3' length of C. I. Ventilating Tube (with Diaphragm).			3' length of Zinc Ventilating Tube (with Diaphragm).			2' length of C. I. Ventilating Tube (with Diaphragm).			2' length of Zinc Ventilating Tube (with Diaphragm).			C. I. Horizontal Bend for Ventilating Tube.			C. I. Vertical Elbows for Ventilating Tube.		
	Nos.	Amount.		Nos.	Amount.		Nos.	Amount.		Nos.	Amount.		Nos.	Amount.		Nos.	Amount.		Nos.	Amount.		Nos.	Amount.	
		Rs.	a. p.		Rs.	a. p.		Rs.	a. p.		Rs.	a. p.		Rs.	a. p.		Rs.	a. p.		Rs.	a. p.		Rs.	a. p.
Messrs. Richardson & Cruddas	23	415	0 10	..	....		20	200	0 0	..	....		..	....		..	....		7	56	0 0	1	5	0 0
,, Walsh, Lovett & Co.	35	423	8 0	..	....		..	....		7	46	14 5	..	....		8	31	3 2	2	18	6 5	1	6	8 6
Workshops and Miscellaneous	10	181	1 6	11	132	0 0	10	113	10 4	10	60	0 0	10	78	2 10	10	40	0 0	25	200	0 0	10	44	1 10
TOTAL BALANCE ON 1ST MARCH 1887 ..	68	1,049	10 4	11	132	0 0	30	313	10 4	17	106	14 5	10	78	2 10	18	71	3 2	34	274	6 5	12	55	10 4
RECEIPTS.																								
Messrs. Walsh, Lovett & Co.	306	3,702	9 7	406	3,308	14 5	193	1,293	1 7	66	343	13 9	257	1,441	12 4	64	249	9 7	81	745	3 2	87	503	1 9
Workshops or Municipal Stores	..	....		..	....		..	....		..	....		..	....		..	....		..	....		..	....	
Returned by Contractors, &c.	..	....		..	....		..	....		..	....		..	....		..	....		..	....		..	....	
TOTAL..	374	4,752	3 11	417	3,440	14 5	223	1,606	11 11	83	450	12 2	267	1,519	15 2	82	320	12 9	115	1,019	9 7	99	623	12 1
ISSUES.																								
Mr. A. Baker (Khetwadi House Connection)	..	....		..	....		..	....		..	....		..	....		..	....		..	....		..	....	
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	5	96	12 0	62	586	8 0	..	....		6	38	10 3	..	....		..	....		5	40	0 0	5	25	0 0
Inspector of Miscellaneous Drains	..	....		..	....		..	....		..	....		..	....		..	....		..	....		..	....	
Mr. Cluley and Mr. Baker (Petty Departmental Works)	1	12	1 7	6	48	14 5	...	....		1	5	3 4	..	....		2	7	12 10	..	....		1	6	8 6
Messrs. Sayad Ibrahim Usman & Co.	..	....		..	....		..	....		..	....		..	....		..	....		..	....		..	....	
Mr. Amruta Babaji	..	....		..	....		..	....		..	....		..	....		..	....		..	....		..	....	
Mr. Sitaram Lakshuman	..	....		..	....		..	....		..	....		..	....		..	....		..	....		..	....	
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....		..	....		..	....		..	....		..	....		..	....		..	....		..	....	
Miscellaneous	1	19	5 7	..	....		..	....		..	....		..	....		..	....		..	....		..	....	
TOTAL..	7	128	3 2	68	635	6 5	..	....		7	43	13 7	..	....		2	7	12 10	5	40	0 0	6	31	8 6
BALANCE ON 1ST MARCH 1888..	16	309	9 7				20	200	0 0										7	56	0 0			
	341	4,126	1 7	349	2,844	5 7	193	1,293	1 7	66	343	13 9	257	1,441	12 4	72	280	12 9	83	763	9 7	87	568	1 9
	10	181	1 6				10	113	10 4	10	60	0 0	10	78	2 10	8	32	0 0	20	160	0 0	6	26	7 6
	367	4,616	12 8				223	1,606	11 11	76	403	13 9	267	1,519	15 2		312	12 9	110	979	9 7	93	594	9 3

	33		34		35		36		37		38		39		40	
	C. I. Tail Pieces for Ventilating Tube.		Zinc Head Pieces for Ventilating Tube.		Zinc Straps for Ventilating Tube.		4" Angle Pieces, Right Hand.		4" Angle Pieces, Left Hand.		4" Angle Pieces without Lugs.		Bolts for Breach Plates.		4" Cistern Heads.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas,.....	1	11 0 0	1	6 7 4	1	3 15 2	..	....	..	....	..	....	..	....	..	....
" Walsh, Lovett & Co.	..	....	19	102 7 8	..	....	..	....	..	....	..	....	..	....	..	....
Workshops and Miscellaneous	15	93 4 6	11	66 0 0	..	....	25	17 15 6	25	17 15 6	144	99 0 0	67	12 1 0	50	47 6 4
TOTAL BALANCE ON 1ST MARCH 1887..	16	104 4 6	24	174 15	1	3 15 2	25	17 15 6	25	17 15 6	144	99 0 0	67	12 1 0	50	47 6 4
RECEIPTS.																
Messrs. Walsh, Lovett & Co.	95	1,182 12 0	79	674 10 7	171	97 7 6	..	....	..	....	..	....	..	....	..	....
Workshops or Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Returned by Contractors, &c.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	111	1 287 0 6	103	849 9 7	172	101 6 8	25	17 15 6	25	17 15 6	144	99 0 0	67	12 1 0	50	47 6 4
ISSUES.																
Mr. A. Baker (Khetwadi House Connection)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co., (Fort Pipe Sewer)	6	55 0 0	25	161 8 0	11	43 7 2	..	....	..	....	..	....	..	....	..	....
Inspector of Miscellaneous Drains	..	....	1	6 7 4	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Cluley and Mr. Baker (Petty Departmental Works)	1	12 7 2	1	8 8 8	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Sayad Ibrahim Usman & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Amruta Babaji	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	6	67 7 2	27	176 8 0	11	43 7 2	..	....	..	....	..	....	..	....	..	....
BALANCE ON 1ST MARCH 1888..	95	1,182 12 0	76	649 0 8	161	81 12 4	25	17 15 6	25	17 15 6	144	99 0 0	67	12 1 0	50	47 6 4
	10	62 3 0														
	105	1,244 15 0														

	41		42		43		44		45		46		47		48	
	Cistern Water Waste Preventive.		4" Socket Disks.		4" Elbows discharging 15¼ × ⅞.		4" Elbows discharging 10¼ × ⅞.		4" Elbows discharging 7⅛ × ⅞.		4" Elbows discharging 4¼ × 2⅞.		4" Elbows discharging 15¼ × 2⅞.		4" Elbows discharging 10¼ × 2⅞.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
,, Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops and Miscellaneous	2	30 0 0	40	2 14 8	15	24 9 6	16	15 9 4	20	15 0 0	20	12 8 0	17	24 7 0	20	23 5 8
TOTAL BALANCE ON 1ST MARCH 1887..	2	30 0 0	40	2 14 8	15	24 9 6	16	15 9 4	20	15 0 0	20	12 8 0	17	24 7 0	20	23 5 8
RECEIPTS.																
Messrs. Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops or Municipal Stores	141	2,115 0 0	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Returned by the Contractors, &c.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	143	2,145 0 0	40	2 14 8	15	24 9 6	16	15 9 4	20	15 0 0	20	12 8 0	17	24 7 0	20	23 5 8
ISSUES.																
Mr. A. Baker (Khatwadi House Connection)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Inspector of Miscellaneous Drains	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Guley and Mr. Baker (Petty Departmental Works)	6	150 0 0	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Sayad Ibrahim Usman & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr Amruta Baboji	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Sitturam Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	6	150 0 0	..	....	..	....	..	....	..	....	..	....	..	....	..	....
BALANCE ON 1ST MARCH 1888..	137	2055 0 0	40	2 14 8	15	24 9 6	16	15 9 4	20	15 0 0	20	12 8 0	17	24 7 0	20	23 5 8

	49		50		51		52		53		54		55		56	
	4" Elbows discharging $7\frac{1}{4} \times 2\frac{7}{8}$.		4" Elbows discharging $4\frac{1}{4} \times 2\frac{7}{8}$.		4" Elbows without Lugs.		Gratings 4" round with 3 feet.		Gratings 4" for Sockets of 4" Stone-ware Pipes.		Gratings 6" for Sockets of 6" Stone-ware Pipes.		Gratings with Sockets for Culverts.		4" Head Pieces, T or Ventilating T Heads.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
,, Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops and Miscellaneous	13	12 7 4	20	15 11 8	24	21 10 0	37	3 10 7	1	0 2 6	26	6 10 2	8	26 4 8	17	13 4 6
TOTAL BALANCE ON 1ST MARCH 1887 ..	13	12 7 4	20	15 11 8	24	21 10 0	37	3 10 7	1	0 2 6	26	6 10 2	8	26 4 8	17	13 4 6
RECEIPTS.																
Messrs Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops or Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Returned by the Contractors, &c.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	13	12 7 4	20	15 11 8	24	21 10 0	37	3 10 7	1	0 2 6	26	6 10 2	8	26 4 8	17	13 4 6
ISSUES.																
Mr. A. Baker (Khetwadi House Connection)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Inspector of Miscellaneous Drains	..	....	..	....	..	....	..	....	..	....	..	....	4	13 2 8	..	....
Mr. Cluley and Mr. Baker (Petty Departmental Work-)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	1	0 12 6
Messrs Savad Ibrahim Usman & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Amruta Babaji	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	..	....	..	....	..	....	..	....	..	....	..	....	4	13 2 8	1	12 6
BALANCE ON 1ST MARCH 1888 ..	13	12 7 4	20	15 11 8	24	21 10 0	37	3 10 7	1	0 2 6	26	6 10 2	4	13 2 4	16	12 8 0

	57		58		59		60		61		62		63		64	
	4" Heads Ventilating.		2½" Junction Pieces, Right Hand.		2½" Junction Pieces, Left Hand.		2½" Junction Pieces without Lugs.		2½" Heads Ventilating.		4" Junction Pieces without Lugs.		Lamp Holes.		Circular Manhole Frames and Covers.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
,, Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops and Miscellaneous	25	35 8 9	4	3 8 4	5	4 5 2	20	17 4 8	8	7 8 8	12	22 6 0	31	635 10 7	165	5,579 11 0
TOTAL BALANCE ON 1ST MARCH 1887 ..	25	35 8 9	4	3 8 4	5	4 5 2	20	17 4 8	8	7 8 8	12	22 6 0	31	635 10 7	165	5,579 11 0
RECEIPTS.																
Messrs. Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops or Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Returned by the Contractors, &c.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	25	35 8 9	4	3 8 4	5	4 5 2	20	17 4 8	8	7 8 8	12	22 6 0	31	635 10 7	165	5,579 11 0
ISSUES.																
Mr. A. Baker (Khetwadi House Connection)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	..	....	..	....	..	....	..	....	..	....	..	....	2	42 15 0	13	454 6 3
Inspector of Miscellaneous Drains	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Cluley and Mr. Paker (Petty Departmental Works)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	11	378 6 3
Messrs. Sayad Ibrahim Usman & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Amruta Babaji	..	....	..	....	..	....	..	....	..	....	..	....	..	....	8	271 8 0
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....	5	175 0 0
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	..	....	..	....	..	....	..	....	..	....	..	....	2	42 15 0	37	1,279 4 6
BALANCE ON 1ST MARCH 1888 ..	25	35 8 9	4	3 8 4	5	4 5 2	20	17 4 8	8	7 8 8	[illegible]	22 6 0	29	594 10 5	128	4,344 0 0

	65		66		67		68		69		70		71		72		73	
	Central Manholes.		Side Manholes with 4 Gratings.		Pans, Soil.		4" Pipes, Soil, C. I. 6' long.		4" Pipes, Soil, C. I. 5' long.		4" Pipes, Soil, C. I. 4' long.		4" Pipes, Soil, C. I. 3' long.		4" Pipes, Soil, C. I. 2' long.		4" Pipes, Soil., C. I. 1' long.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
,, Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops and Miscellaneous	2	51 14 0	1	57 4 0	174	783 14 6	4	18 13 8	32	132 8 0	20	70 13 4	16	42 4 0	31	62 5 2	11	13 4 8
TOTAL BALANCE ON 1ST MARCH 1887 ..	2	51 14 0	1	57 4 0	174	783 14 6	4	18 13 8	32	132 8 0	20	70 13 4	16	42 4 0	31	62 5 2	11	13 4 8
RECEIPTS.																		
Messrs. Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops or Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Returned by the Contractors, &c.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	2	51 14 0	1	57 4 0	174	783 14 6	4	18 13 8	32	132 8 0	20	70 13 4	16	42 4 0	31	62 5 2	11	13 4 8
ISSUES.																		
Mr. A. Baker (Khetwadi House Connection)	..	....	..	....	..	.. .	1	4 11 5	..	....	1	3 2 8	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co (Fort Pipe Sewer)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Inspector of Miscellaneous Drains	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Clancy and Mr. Baker (Petty Departmental Works)	..	....	..	....	6	27 0 6	2	9 6 10	..	....	1	3 8 8	..	....	4	8 0 8	2	2 2 6
Messrs. Sayad Ibrahim Usman & Co.	..	....	..	....	..	.. ..	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Amruta Babaji	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Laksbuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	.. .	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	..	....		....	6	27 0 6	3	14 2 3	..	....	2	7 1 4	..	....	4	8 0 8	2	2 2 6
BALANCE ON 1ST MARCH 1888..	2	51 14 0	1	57 4 0	168	756 14 0	1	4 11 5	32	132 8 0	18	63 12 0	16	42 4 0	27	54 4 6	9	10 14 0

	74		75		76		77		78		79		80		81		82	
	4" Pipes, Ventilating Discharging. Short.		4" Pipes Ventilating Discharging Long Spigot and Short Socket End.		4" Pipes Ventilating Discharging Long Spigot and Long socket End		4" Offset Pieces.		Plates Breach.		4" Pieces, Y Reversed.		Shafts, Ventilating, 5' Zinc.		Shafts Ventilating, 4' Zinc.		Shafts, Ventilating, 5' C. I.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
,, Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops and Miscellaneous	4	6 12 8	100	211 7 4	2	4 15 6	19	15 13 4	4	620 4 0	14	25 13 0	10	100 0 0	10	80 0 0	10	169 1 0
TOTAL BALANCE ON 1ST MARCH 1887 ..	4	6 12 8	100	211 7 4	2	4 15 6	19	15 13 4	4	620 4 0	14	25 13 0	10	100 0 0	10	80 0 0	10	169 1 0
RECEIPTS.																		
Messrs. Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops on Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Returned by the Contractors, &c.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	4	6 12 8	100	211 7 4	2	4 15 6	19	15 13 4	4	620 4 0	14	25 13 0	10	100 0 0	10	80 0 0	10	169 1 0
ISSUES.																		
Mr. A. Baker (Khetwadi House Connection)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Inspector of Miscellaneous Drains	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Clubley and Mr. Baker's Petty Departmental Works)	..	....	12	25 7 0	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Syad Ibrahim Usman & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Amrut'a Babaji	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	..	....	12	25 7 0	..	....	..	....	..	....	..	....	..	....	..	....	..	....
BALANCE ON 1ST MARCH 1888..	4	6 12 8	88	186 1 4	2	4 15 6	19	15 13 4	4	620 4 0	14	25 13 0	10	100 0 0	10	80 0 0	10	169 1 0

	83		84		85		86		87		88		89		90		91	
	Shafts, Ventilating, 4' C. I.		Straps, Socket, 4".		Straps, Spigot, 4"		4" Siphons with Long Spigot, Right Hand.		4" Siphons with Long Spigot, Left Hand.		4" Siphons with Short Spigot, Right Hand.		4" Siphons with Short Spigot, Left Hand.		Siphons 2½", Right Hand.		Siphons 2½", Left Hand.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
„ Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops and Miscellaneous	10	141 14 10	13	1 3 6	43	6 7 11	6	17 8 0	13	37 14 8	20	55 6 8	15	41 9 0	8	7 0 0	7	6 2 0
TOTAL BALANCE ON 1ST MARCH 1887 ..	10	141 14 10	13	1 3 6	43	6 7 11	6	17 8 0	13	37 14 8	20	55 6 8	15	41 9 0	8	7 0 0	7	6 2 0
RECEIPTS.																		
Messrs. Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops or Municipal Stores	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Returned by the Contractors, &c.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL..	10	141 14 10	13	1 3 6	43	6 7 11	6	17 8 0	13	37 14 8	20	55 6 8	15	41 9 0	8	7 0 0	7	6 2 0
ISSUES.																		
Mr. A. Baker (Khetwadi House Connection)	..	....	..	....	..	....	6	17 8 0	..	....	6	16 10 0	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Inspector of Miscellaneous Drains	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Cluley and Mr. Baker (Petty Departmental Works)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Sayad Ibrahim Usman & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Dr. Amruta Babaji	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Mr. Sittaram Lakshuman	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Miscellaneous	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
TOTAL.	..	....	..	....	..	....	6	17 8 0	..	....	6	16 10 0	..	....	..	....	..	....
BALANCE ON 1ST MARCH 1888 ..	10	141 14 10	13	1 3 6	43	6 7 11	..	....	13	37 14 8	14	38 12 8	15	41 9 0	8	7 0 0	7	6 2 0

	92		93		94		95		96		97		98		99		100	
	C. I. Steps for Manholes.		4" Collars for Cut Pipes.		Screws.		ManholeCover.		C. I. Large Gully Traps with Gratings.		C. I. Large Ventilators.		18" × 18" C. I. Gratings for Water Entrances.		Oval or Elliptical Manhole Frames and Covers.		TOTAL.	
	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.	Nos.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
Messrs. Richardson & Cruddas	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
,, Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....
Workshops and Miscellaneous	113	70 10 0	85	29 10 7	16	3 0 0	..	....	115	3,557 13 0	62	561 14 0	..	....	..	....	..	....
TOTAL BALANCE ON 1ST MARCH 1887 ..	113	70 10 0	85	29 10 7	16	3 0 0	..	....	115	3,557 13 0	62	561 14 0	..	....	..	....	22558	25,373 11 10
RECEIPTS.																		
Messrs. Walsh, Lovett & Co.	..	....	..	....	..	....	..	....	..	....	..	....	..	....	..	....	75400	60,743 0 1
Workshops or Municipal Stores	120	72 6 0	..	....	..	....	..	....	..	....	..	....	8	48 15 0	29	1,015 1 0	298	3,251 6 0
Returned by Contractors, &c.	13	5 14 5	..	....	..	....	1	22 0 0	..	....	..	....	..	....	..	....	1415	772 1 4
TOTAL..	246	148 14 5	85	29 10 7	16	3 0 0	1	22 0 0	115	3,557 13 0	62	561 14 0	8	48 15 0	29	1,015 1 0	98853	89,641 3 7
ISSUES.																		
Mr. A. Baker (Khetwadi House Connection)	..	....	..	....	..	....	..	....	..	....	..	.....	..	....	..	....	29996	17,836 8 4
Messrs. Fakirmahomed Babanbhoy & Co. (Fort Pipe Sewer)	93	58 2 0	..	....	..	....	..	....	..	....	..	....	..	....	..	....	1448	2,856 3 3
Inspector of Miscellaneous Drains	..	....	..	....	..	....	..	...	1	30 15 0	..	....	..	....	..	....	73	123 7 7
Mr. Cluley and Mr. Baker (Petty Departmental Works)	81	50 10 0	..	....	..	....	..	....	..	....	..	....	..	....	26	992 6 0	182	1,753 14 10
Messrs. Sayad Ibrahim Usman & Co.	..	....	..	....	..	....	..	....	..	....	..	....	8	48 15 0	..	....	8	48 15 0
Mr. Amruta Babaji	18	11 4 0	..	....	..	....	..	....	..	....	..	....	..	....	1	39 0 0	27	321 12 0
Mr. Sittarma Lakshuman	30	18 12 0	..	....	..	....	..	....	..	....	..	....	..	....	..	....	35	193 12 0
Messrs. Fakirmahomed Babanbhoy & Co. (Crawford Market)	..	....	..	....	..	....	..	....	..	....	..	....	..	....	2	78 0 0	2	78 0 0
Miscellaneous	..	....	..	....	..	....	1	14 9 0	1	30 15 0	..	....	..	....	..	....	8	67 4 1
TOTAL..	222	138 12 0	..	....	..	....	1	14 9 0	2	61 14 0	..	....	8	48 15	29	1,109 8 0	31779	23,279 13 1
BALANCE ON 1ST MARCH 1888 ..	24	15 0 0	85	29 10 7	16	3 0 0	..	....	113	3,495 15 0	62	561 14 0	..	....	..	....	67892	68,080 14 5

STATEMENT of Cement received and issued on account of Drainage and other Works for the year ending 29th February 1888.

DESCRIPTION.	No. of Casks.	Amount.
		Rs. a. p.
Balance on 1st March 1887..	56	407 9 11
RECEIPTS.		
Messrs. Ewart, Latham & Co.	700	5,045 10 10
Messrs. Walsh, Lovett & Co.....	559	4,197 9 5
Returned by the Contractors	3	24 0 0
Total..	1,318	9,674 14 2
ISSUES.		
Messrs. Fakir Mahomed Babanbhoy & Co., (Fort Pipe Sewers)	357	3,213 0 0
Messrs. Littlewood, Pallonji & Co., (Malabar Hill Reservoir Roofing.)	258	2,322 0 0
Mr. Sittaram Lakshuman, (Small-pox Hospital)	12	108 0 0
Mr. Amruta Babaji (Sankli Street Pipe Sewer)	24	216 0 0
Mr. Ghamaji Ballaji.....	22	198 0 0
Mr. Bhomaji Shivaji	16	144 0 0
Inspector Mr. Cluley (Bandora Slaughter House Drainage)	8	72 0 0
Inspector Mr. Baker, for Khetwadi House Connection and other Departmental Works.	242	2,178 0 0
Miscellaneous	8	72 0 0
Total..	947	8,523 0 0
Balance on 1st March 1888 ..	371	2,804 0 7

STATEMENT shewing the balance of English Articles on the 1st March 1888.

	1 Bends "		2 Bends ⅛"4"		3 Bends ¼"4"		4 Bends, Stone, Closet.		5 Bends, Closet.		6 Branch V 4" off 4" with Inspection Cap. C. I. Light.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	6	Rs. a. p. 6 11 6	5	Rs. a. p. 5 9 7	5	Rs. a. p. 5 9 7	1	Rs. a. p. 0 15 4	7	Rs. a. p. 6 11 4	1	Rs. a. p. 3 3 3

	7 Branch V 4" off 4" with Inspection Cap. C. I. Heavy.		8 Closet Trapless Side Outlet No. 13.		9 Closet, Oblong, with one Inlet.		10 Closet, Oblong, with one Inlet.		11 Closet, Bostel's White Earthenware Excelsior.		12 Closet, Jenning's Valve.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	1	Rs. a. p. 3 8 4	1	Rs. a. p. 40 5 10	1	Rs. a. p. 6 11 7	1	Rs. a. p. 7 5 10	1	Rs. a. p. 35 3 10	1	Rs. a. p. 48 0 10

	13 Closet, Tyler's Valve.		14 Closets, Oblong.		15 Closet, Oblong, White inside.		16 Closet, Pan and Trap, Brown's enamelled.		17 Closet Pans.		18 Channels, half, reducing 6 to 4.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	1	Rs. a. p. 78 7 9	6	Rs. a. p. 40 5 6	3	Rs. a. p. 24 0 6	1	Rs. a. p. 2 0 7	4	Rs. a. p. 26 14 4	3	Rs. a. p. 5 4 6

STATEMENT shewing the balance of English Articles on the 1st March 1888—*continued.*

	19 Bowls, Ventilating.		20 Curves D.		21 Curves V.		22 Curves G.		23 Curves B.		24 Curves M.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	1	Rs. a. p. 3 10 11	7	Rs. a. p. 7 7 7		Rs. a. p. 5 11 8	8	Rs. a. p. 8 8 8	2	Rs. a. p. 2 2 2	4	Rs. a. p. 5 5 0

	25 Curves K.		26 Cistern water waste Preventive with valve complete, Bran's Patent.		27 Covers, Iron, Heavy, 18" × 24".		28 Covers, Iron, Light, 18" × 24."		29 Covers, Iron, 14" × 14".		30 Elbows 9".	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	6	Rs. a. p. 11 8 6	1	Rs. a. p. 21 4 5	3	Rs. a. p. 41 5 3	2	Rs. a. p. 26 3 10	8	Rs. a. p. 58 14 8	1	Rs. a. p. 2 3 10

	31 Elbows 6".		32 Elbows, Oblong, 4".		33 Elbows, Oblong, 4".		34 Elbows, Oblong, 4" with Heels.		35 Gratings, Diamond, 9" × 6".		36 Gratings, Diamond, 9" × 6".	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	2	Rs. a. p. 3 13 6	3	Rs. a. p. 2 11 6	7	Rs. a. p. 8 3 3	7	Rs. a. p. 8 3 3	8	Rs. a. p. 2 8 4	2	Rs. a. p. 0 15 4

STATEMENT shewing the balance of English Articles on the 1st March 1888—*continued.*

	37 Gratings, Diamond, 9″ × 6″.		38 Gratings, Diamond, 10″ × 10″.		39 Gratings, Gully, straight barred, 9″.		40 Gratings, Water, Round.		41 Gratings, Round, Beck's.		42 Gullies.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	8	Rs. a. p. 2 8 4	3	Rs. a. p. 3 3 3	1	Rs. a. p. 0 15 4	1	Rs. a. p. 0 10 3	2	Rs. a. p. 3 3 2	2	Rs. a. p. 4 7 8

	43 Heads for rain-water Pipe.		44 Junctions 4″ off 6″.		45 Junctions 4″ off 6″.		46 Junctions No. 6, 4 × 4 with Inspection Cap.		47 Junction No. 7, 4 × 4 with Inspection Cap.		48 Junction No. 7, 4 × 4 with Inspection Cap.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	2	Rs. a. p. 1 14 8	2	Rs. a. p. 3 6 8	6	Rs. a. p. 7 11 0	2	Rs. a. p. 3 13 6	2	Rs. a. p. 5 2 0	6	Rs. a. p. 15 6 0

	49 Junction, Reducing 3′ × 0′.		50 Keys, Iron Cover.		51 Pipe, 6″ Standford.		52 Pipes, 4″ Standford.		53 Pipes, 4″ Standford, with joint on Socket end only.		54 Pipe, heavy soil, length 4″.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	11	Rs. a. p. 19 5 10	95	Rs. a. p. 72 4 8	15	Rs. a. p.	..	Rs. a. p. 11 2 9	3	Rs. a. p. 1 14 9	7	Rs. a. p. 16 12 11

STATEMENT shewing the balance of English Articles on the 1st March 1888—*continued.*

	55 Pipes 2½" rain-water 6' length.		56 Pipe 4" No. 1.		57 Pipes 4" Soil No. 9.		58 Pipes 4" Soil No 9, coated with Dr. Angus Smith's Patent Solution.		59 Pieces No. 1 special made single branch, 4" faucet on branch with cleaning door as per drawing.		60 Pieces No. 9 special made single branch 4" faucet on branch with cleaning door.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	18	Rs. a. p. 21 1 6	185	Rs. a. p. 325 10 10	11	Rs. a. p. 29 15 5	6	Rs. a. p. 18 14 0	13	Rs. a. p. 24 4 11	1	Rs. a. p. 2 1 9

	61 Siphon, Annular, D size, in 2 pieces.		62 Siphon, Annular, F size, in 2 pieces.		63 Siphon 4".		64 Siphon, 4" Border, plain.		65 Stoppers, 4" Standford's.		66 Sharp's Hopper Pans, Traps and Connections.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Balance on 1st March 1888	1	Rs. a. p. 189 0 2	5	Rs. a. p. 1,313 7 5	7	Rs. a. p. 15 10 10	3	Rs. a. p. 8 10 3	2	Rs. a. p. 0 10 2	1	Rs. a. p. 8 0 2

	67 Traps Closet, No. 35.		68 Traps, Closet.		69 Tank, 100 Gallons, Galvanized Iron, Flush.		70 Closet Pan and Traps, Brown's Stoneware.		71 TOTAL.			
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.		
Balance on 1st March 1888	7	Rs. a. p. 8 15 6	1	Rs. a. p. 1 4 6	1	Rs. a. p. 102 8 2	3	Rs. a. p. 24 0 6	558	Rs. a. p. 2,836 2 9		

14.—KACHRA INCINERATOR (BEEHIVE DESTRUCTOR).

The work, entirely novel in Bombay, having been completed departmentally, the destructor was given over into charge of the Health Department on the 23rd December 1887.

2. The work cost Rs. 10,126. It was commenced on the 5th November 1886, and completed in August 1887, when the incinerator was first set to work. The result was not satisfactory in the commencement, the cost of consuming kachra amounting to Rs. 1-5-4 per cart-load.

3. Several minor alterations were effected, with the result that the cost of consumption was reduced to 5 annas per cart-load of kachra.

4. The establishment necessary to work the incinerator day and night on three shifts of eight hours each was as follows :—

6 Firemen at 10 annas each ;

3 Mukadams at 10 annas each;

24 Coolies at from 5 to 6 annas each.

5. The cost of fuel required per diem varied from *nil* to about Rs. 1-8-0.

6. The number of cart-loads of kachra destroyed in a day varied from 65 to 85, or thereabouts.

7. The following statement (**A**) shows the quantities and value of work done, calculated at estimated rates, and (**B**) the details of actual expenditure :—

A

STATEMENT shewing the quantities and cost of work done at estimated rates in connection with the Beehive Destructor.

Quantities.	Particulars.	Rate. Rs. a. p.	Per	Amount. Rs.
1,620 c. ft.	General excavation in earth, murum, &c.	4 0 0	100 c. ft.	64·80
5,797·50 „	Rock excavation	15 0 0	„	869·62
547·29 „	Concrete in hydraulic mortar	30 0 0	„	164·19
3,253·69 „	Raising brickwork	50 0 0	„	1,626·84
483·79 „	Fire brickwork in fire clay	2 8 0	„	1,209·47
2 Nos.	Damper door, &c., including frames fixed complete	60 0 0	each.	120·00
2 „	Ditto for directing gas	75 0 0	„	150·00
1 No.	Door for drawing clinkers	125 0 0	„	125·00
10·37 cwts.	Wrought-iron work fixed complete.	20 0 0	cwt.	207·40
192·11 c. ft.	Brickwork	50 0 0	100 c. ft.	96·05
80·00 r. ft.	Water pipe	0 4 0	r. ft.	20·00
2 Nos.	Shutters for large refuse shoots	100 0 0	each.	200·00
1 No.	Manhole frame and cover fixed complete	150 0 0	„	150·00
1,210·00 c. ft.	General excavation in earth, &c.	4 0 0	100 c. ft.	48·40
4,041·03 „	Brickwork in hydraulic mortar, including pointing	60 0 0	„	2,424·62
110·25 „	Fire brick work in fire clay	2 8 0	c. ft.	275·62
1,137·75 „	Concrete in foundation	20 0 0	100 c. ft.	227·55
	Extra Work.			
124·22 c. ft.	Hydraulic lime concrete	30 0 0	100 c. ft.	37·26
85·05 „	Rubble lime masonry	20 0 0	„	17·01
39·84 „	Blue stone steps medium-dressed	2 8 0	c. ft.	99·60
124·78 „	Fire brickwork from end of compound arch to opening of shoots	2 8 0	„	311·95
55·52 „	Scantlings for roof over pit	3 0 0	„	166·56
46·43 „	Cutstone over hoppers	3 0 0	„	139·29
Cwt. qr. lb. 41 1 10	Cast-iron plates with ribs	10 0 0	cwt.	413·92
18 Nos.	Wrought-iron railing, including wooden capping fixed complete	4 12 0	each.	85·50
111 r. ft.	Water connection 1" pipe	0 4 0	r. ft.	27·75
	Extra Work for Chimney.			
86·00 c. ft.	Brick and lime concrete	1 8 0	c. ft.	129·00
58·80 „	Fire brick work in side	2 8 0	„	147·00
100 r. ft.	Copper lightning conductor fixed complete	37 0 0	lot.	37·00
1 No.	Copper spear	3 0 0	each.	3·00
12 Nos.	Earthenware insulators	16 8 3	„	16·83
	Total...Rs.	...	...	9,611·23

B.

STATEMENT shewing the actual expenditure incurred in completing the Beehive Destructor.

Executive Engineer's No.	Labour.	Materials.	Contingencies.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1516	138 0 6	.....	.....	138 0 6
1575	.....	57 11 3	.....	57 11 3
1576	.....	.....	3 11 0	3 11 0
1608	.....	4 6 3	.....	4 6 3
1612	.....	3 0 0	.....	3 0 0
1610	.....	0 4 7	.....	0 4 7
1714	29 6 0	.....	.....	29 6 0
1803	.....	.....	0 6 0	0 6 0
1896	264 11 6	.....	.....	264 11 6
2023	.....	2 0 0	.....	2 0 0
2027	.....	.....	2 3 0	2 3 0
1961	.....	198 0 0	.....	198 0 0
1962	.....	300 0 0	.....	300 0 0
2128	271 0 0	.....	.....	271 0 0
2060	.....	6 0 0	.....	6 0 0
2058	.....	300 0 0	.....	300 0 0
2164	.....	58 1 0	.....	58 1 0
2097	.....	2 4 0	.....	2 4 0
2079	.....	175 1 1	.....	175 1 1
2080	.....	1 0 0	.....	1 0 0
2095	.....	10 5 0	.....	10 5 0
2241	.....	.....	3 1 0	3 1 0
2197	.....	27 0 0	.....	27 0 0
2157	.....	2 13 9	.....	2 13 9
1971	.....	.....	27 5 0	27 5 0
2218	.....	257 1 3	.....	257 1 3
2152	.....	411 6 0	.....	411 6 0
59	315 11 6	.....	.....	315 11 6
117	.....	40 0 0	.....	40 0 0
181	369 0 0	.....	.....	369 0 0
222	.....	128 12 0	.....	128 12 0
232	.....	41 2 0	.....	41 2 0
230	.....	23 4 0	.....	23 4 0
229	.....	54 4 0	.....	54 4 0
201	.....	45 0 0	.....	45 0 0
200	.....	390 0 0	.....	390 0 0
197	.....	100 0 0	.....	100 0 0
195	.....	260 0 0	.....	260 0 0
79	.....	85 10 3	.....	85 10 3
245	.....	.....	4 14 0	4 14 0
		Carried forward ...Rs.		4,413 11 11

Executive Engineer's No.	Labour.			Materials.			Contingencies.			Total.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
							Brought forward ...Rs			4,413	11	11
287	556	3	0	.....			.....			556	3	0
299	.....			161	13	2	.....			161	13	2
239	.....			6	0	0	.....			6	0	0
318	.....			3	12	0	.....			3	12	0
372	.....			.....			12	14	0	12	14	0
365	.....			2	12	0	.....			2	12	0
339	.....			300	0	0	.....			300	0	0
335	.....			131	0	8	.....			131	0	8
452	347	11	0	.....			.....			347	11	0
562	.....			.....			2	3	0	2	3	0
477	.....			268	9	7	.....			268	9	7
478	.....			50	0	0	.....			50	0	0
540	.....			156	13	0	.....			156	13	0
212	.....			128	10	9	.....			128	10	9
371	.....			47	13	7	.....			47	13	7
295	.....			4	2	6	.....			4	2	6
431	.....			11	14	0	.....			11	14	0
292	.....			4	8	0	.....			4	8	0
654	336	4	9	.....			.....			336	4	9
554	.....			235	14	10	.....			235	14	10
369	.....			15	12	0	.....			15	12	0
741	.....			199	9	9	.....			199	9	9
632	.....			2	0	0	.....			2	0	0
672	.....			52	7	9	.....			52	7	9
627	.....			60	12	0	.....			60	12	0
590	.....			81	0	0	.....			81	0	0
589	.....			72	0	0	.....			72	0	0
762	.....			13	4	0	.....			13	4	0
804	.....			18	3	9	.....			18	3	9
955	.....			26	14	0	.....			26	14	0
818	197	7	0	.....			.....			197	7	0
831	.....			.....			41	10	9	41	10	9
830	.....			75	0	0	.....			75	0	0
1153	.....			104	9	5	.....			104	9	5
825 & 851	.....			18	0	0	.....			18	0	0
877	.....			33	7	4	.....			33	7	4
885	.....			63	12	0	.....			63	12	0
1002	.....			.....			1	8	7	1	8	7
839	.....			45	0	0	.....			45	0	0
840	.....			8	0	0	.....			8	0	0
Total...Rs.	2,825	7	3	5,387	14	6	99	12	4	8,313	2	1

The value of work actually done, calculated at the estimated rates is less than the actual expenditure by Rs. 514-0-11. This excess is

attributable to the continual necessity of pumping and baling out sub-soil water from the site during the progress of the work.

15.—NEW WORKS FOR 1888-89.

The following lists **A** and **B** give a description and estimated cost of new works submitted for consideration with the Budget Estimates for 1888-89. The works in List **A** have since been sanctioned. Some are in progress, and for others contract forms and specifications are being prepared:—

A.

No.	Particulars.	Amount of each item.			Remarks.
		Rs.	a.	p.	
1	New latrines and urinals	20,000	0	0	
2	New night-soil depôt at the south end of DeLisle Road	5,612	0	0	
3	Filling in land for night-soil depôt at junction of DeLisle and Arthur Roads	6,503	0	0	
4	Additional water entrances on east side of Parel Road	3,598	0	0	
5	Water entrances in Khetwadi 12th lane and in Charni Road ...	1,321	0	0	
6	Do. do. Main Road from 1st to 3rd lane	5,253	0	0	
7	Two additional water entrances in Nesbit Road.	569	0	0	
8	Water entrances at junction of Bapu Khote Street and Erskine Road	1,008	0	0	
9	Two new water entrances in Bellasis Junction Road	446	0	0	
10	Ventilating shafts, Marine Lines, Mayo Road and Queen's Road...	6,750	0	0	
	Total ...	51,060	0	0	

B.

No. of Item.	Particulars.	Amount of each item. Rs. a. p.	Remarks.
1	Purchase of 5000 square yards, at Re. 1, of land near the junction of DeLisle Road and Carrol Road for future night-soil depôt, &c. ...	5,000 0 0	
2	Miscellaneous small works such as storm-water openings, overflow traps, &c., &c.	1,000 0 0	
3	Masonry and penstocks at the entrance of the Agripada Drain, &c., &c.	3,482 0 0	
4	Extension of Parel Road storm-water drain to Shepherd Road	33,749 0 0	
5	Storm-water drain from Bellasis Road to ⅔rd the length of Ripon Road, &c., &c.	23,436 0 0	
6	Connection of Parel Road storm-water drain at Paedhoni with Abdul Rahiman Street drain ..	6,229 0 0	
7	Additional water entrances in Khetwadi near Golpitha	591 0 0	
8	Storm-water drain from Charni Road to Falkland Road drain	5,833 0 0	
9	Water entrances in Bapty Road	357 0 0	
10	Do. and new drain at junction of Foras Road and Gilder Street	929 0 0	
11	Laying pipe sewers along Bellasis Road and Foras Road	26,998 0 0	
12	12" Pipe sewer and a flushing chamber in Carrol Road	7,547 0 0	
13	Extension of drain across Parel Road up Love Lane, &c., &c.	7,752 0 0	
14	Side entrances in Kamatipura	3,064 0 0	
15	Water tables to 2nd Street east of Bazar Road, Kamatipura	1,133 0 0	
16	Arrangements for flushing Parel and Bellasis Road drain from Babula and Nagpada tanks..	3,844 0 0	
17	Two additional water entrances in Bellasis Junction Road	446 0 0	
18	Drainage improvements at the junction of Tardeo Road and Forjett Road...	3,424 0 0	
19	Water entrances in Kawasji Patel Tank Road and Kika Street	446 0 0	
20	Two siphon entrances in Mayo Road	788 0 0	
21	Water passage to G. I. P. Railway drain from Nowroji Hill, &c.	160 0 0	
22	Filling in and pitching the slope of a portion of Haines Road, &c.	4,888 0 0	
23	Water entrances near P. and O. Office, Rampart Row...	230 0 0	
24	Masonry side drain in Belvidere Road	597 0 0	
25	Ten storm-water entrances in Queen's Road ...	21,085 0 0	
26	Storm-water drain along Mahalakshmi Road ...	33,000 0 0	
27	Purchase of land between Mr. Wadia's Compound and the old Love Grove Pumping Station ...	26,133 0 0	
28	New Night-soil depôt at the junction of DeLisle Road and Carrol Road	10,171 0 0	
29	Drainage of Parel Village...	77,603 0 0	
30	Extension of the Mahalakshmi storm-water Reservoir, including excavation for Race Course	1,78,794 0 0	
	Total ...	4,88,709 0 0	

16.—GENERAL REMARKS.

(a).—*Sections and Streets provided with Sewers.*

The following is a list of sections and streets in those districts in which new drainage works have been carried out since 1881, with dates when such works were completed and brought into use:—

Section.	Names of Streets.	Date of completion.	Date on which brought into use.	Remarks.
Fort Northern Section.	Agiary Lane	Mar. 1888.	Temporary House connections in progress.	Pipe Sewers in the whole of the Section are laid. Temporary house connections are in progress. As the whole work is not completed, the date of entire completion and the date on which the Sewers will be fully brought into use cannot be given.
	Barbar Lane	,,		
	Barrack Lane	,,		
	Bazar Gate Street	,,		
	Byramji Hormusji Lane	,,	Do. ...	
	Borah Bazar Street	,,	Do. ...	
	Borah Musjid Cross Lane	,,	Do. ...	
	Church Gate Street	,,	Do. ...	
	Kawasji Patel Street...	,,	Do. ...	
	Kawasji Subhadar Lane	,,	Do. ...	
	Deoji Dwarkadas Street	,,	Do. ...	
	Manordas Rupji Lane	,,	Do. ...	
	Elphinstone Circle	,,	Do. ...	
	Gola Lane	,,	Do. ...	
	Hanuman Lane	,,	Do. ...	
	Hornby Row	,,	Do. ...	
	King Lane	,,	Do. ...	
	Mangesh Senoy Street	,,	Do. ...	
	Military Store Cross Lane	,,	Do. ...	
	Modikhana Street	,,	Do. ...	
	Nanabhoy Bomanji Cross Lane ...	,,	Do. ...	
	Masjid Lane	,,	Do. ...	
	Nanabhoy Bomanji Street	,,	Do. ...	
	Nanabhoy Lane	,,	Do. ...	
	Parsee Bazar Street	,,	Do. ...	
	Parsee Punchayet Lane	,,	Do. ...	
	Purshotum Chimnaji Street... ...	,,	Do. ...	
	Rughunath Dadaji Street	,,	Do. ...	
	Thakoordwar Street	,,	Do. ...	
	Todd Street	,,	Do. ...	
	Beef Market Lane	,,	Do. ...	
	Fort Street	,,	Do. ...	
	Frere Road	,,	Do. ...	
	Rampart Row East	,,	Do. ...	
FortSouthern Section.	Apollo Street	Mar. 1888.	Do. ...	Pipe Sewers in the whole of the Section are laid. Temporary house connections are in progress. As the whole work is not completed, the date of entire completion and the date on which the sewers will be fully brought into use cannot be given.
	Armenian Lane	,,	Do. ...	
	Ash Lane	,,	Do. ...	
	Bake House Lane	,,	Do. ...	
	Bell Lane	,,	Do. ...	
	Church Lane	,,	Do. ...	
	Church Street	,,	Do. ...	
	Dean Lane	,,	Do. ...	
	Elphinstone Circle	,,	Do. ...	
	Forbes Street	,,	Do. ...	
	Hunuman Street	,,	Do. ...	
	Marine Street	,,	Do. ...	
	Medows Street...	,,	Do. ...	
	Military Square Lane...	,,	Do. ...	
	Nesbit Lane	,,	Do. ...	
	Oak Lane	,,	Do. ...	
	Rampart Row	,,	Do. ...	
	Rope Walk Lane	,,	Do. ...	
	Tamarind Lane...	,,	Do. ...	
	Apollo Bunder, Sailor's Home and Dock-yard.	,,	Do. ...	
Esplanade Section.	Esplanade Cross Road (Sewer taking Night-soil from Carnac Bunder).	June 1884.	Dec. 1884 ...	An old Masonry drain runs along Frere Road.
	Marine Lines Road	June 1885.	Sept. 1886 ...	Roads on the Mody Bay Estate between Fort Street and the Mint have been provided with pipe sewers by the Port Trust.
	Frere Road and Mody Bay	Before	1881 ...	
	Rampart Row	In	progress ...	
	Hornby Row	In	progress ...	

Section.	Names of Streets.	Date of completion.	Date on which brought into use.	Remarks.
Market Section.	Agiary Road Cross Street	June 1884.	Not in use. No house connections are made.	
	Ballaji Shamsett Street	,,		
	Champa Gully	,,		
	Dhunji Dongria Street	,,		
	Esplanade Cross Road	May 1881.	Do. ...	
	(1) Kalbadevi and Parel Road ...	June 1884.	Do. ...	(1) Portion between
	Kitchen Garden Lane	,,	Do. ...	Money School and
	Khuttukwadi Lane	,,	Do. ...	Shaik Memon Street.
	Lohar Chall	,,	Do. ...	
	Mirza Oil Maker Street ...	,,	Do. ...	
	Mumbadevi Tank Road ...	,,	Do. ...	
	New Hanuman Lane	,,	Do. ...	
	Old Hanuman Lane	,,	Do. ...	
	Picquet Road	,,	Do. ...	
	Pinjari Lane	,,	Do. ...	
	(2) Shaik Abdul Rahiman Street ...	,,	Do. ...	(2) Portions only.
	Shaik Ally Janjiker Street ...	,,	Do. ...	
	Shaik Memon Street	May 1884.	Do. ...	
	Sutar Chal	June 1884.	Do. ...	
	Takwadi (small portion only)..	,,	Do. ...	
	Teli Gully	,,	Do. ...	
	Withalwadi	,,	Do. ...	
	Masjid Bunder Road	,,	Do. ...	
Mandvi Section.	Bhandarwada Street	June 1884.	Not in general	
	Carnac Bunder Road	,,	Do. use.	
	Kazi Sayad Street	,,	Do. ...	
	Chinch Bunder Road	,,	Do. ...	
	2nd Kumbharwada 1st Street ...	,,	Do. ...	
	2nd Kumbharwada Street	,,	Do. ...	
	Dongri Kuli Street	,,	Do. ...	
	Dongri Jac D'Souza Street ...	,,	Do. ...	
	Dontad 3rd Row (portion)	,,	Do. ...	
	Dariastan or Chambary Street ...	,,	Do. ...	
	Esplanade Cross Road	May 1881.	Dec. 1884 ...	Night-soil admitted
	Israel Molla	June 1884.	Not in general	from Carnac Bunder.
	Khoja Gally	,,	Do. use.	
	Khadak Lane	,,	Do. ...	
	Mohomed Sayad Mukri Street ...	,,	Do. ...	
	Mirchi Gally	,,	Do. ...	
	Masjid Bunder Road...	,,	Do. ...	
	Old Kazi Street	,,	Do. ...	
	Shaik Ally Janjiker Street	,,	Do. ...	
	Shamji Hassaji Street	,,	Do. ...	
	Issaji Hassaji Street	,,	Do. ...	
	Frere Road	,,	Do. ...	There is a masonry Sewer along Frere Road.
Chukla Section.	Shaik Ally Janjiker Street	June 1884.	Do. ...	
	Balu Sarang Street	,,	Do. ...	
	Bibijan Row	,,	Do. ...	
	Bhajipalla Street	,,	Do. ...	
	Butcher Street	,,	Do. ...	
	1st Kumbharwada Street	,,	Do. ...	
	2nd do. do.	,,	Do. ...	
	Dontad 3rd Row	,,	Do. ...	
	Esplanade Cross Road	May 1881.	Do. ...	Night-soil admitted
	Gulam Mohidin Street	,,	Do. ...	from Carnac Bunder.
	Husainkhan Khalifa Street	,,	Do. ...	
	New Memonwada Street	,,	Do. ...	
	Masjid Bunder Road	,,	Do. ...	
	Nagdevi Row	,,	Do. ...	
	Nagdevi Street (portion)	,,	Do. ...	
	Narayen Dhuru Row...	,,	Do. ...	
	Old Kazi Street	,,	Do. ...	
	Sayad Abdul Rahiman Street ...	,,	Do. ...	
	Chambharwada	,,	Do. ...	

Section.	Names of Streets.	Date of completion.	Date on which brought into use.	Remarks.
Umarkhari Section.	Pinjari Lane	June 1884.	Not in general use.	
	Chinch Bunder 2nd Row	„	Do. ...	
	Do. 3rd do.	„	Do. ...	
	Dontad 3rd Row	„	Do. ...	
	Israel Molla	„	Do. ...	
	Khadak Road	„	Do. ...	
Dongri Section.	Chinch Bunder 2nd Row	June 1884.	Do. ...	
	Do. 3rd do.	„	Do. ...	
	Do. 4th do.	„	Do. ...	
	Nowroji Hill Cross Road	„	Do. ...	
	Nowroji Hill Road	„	Do. ...	
	Frere Road	„	Do. ...	
Dhobi Talao Section.	Queen's Road	July 1884.	July 1884 ...	Sewage admitted from Sonapur Drain.
	Portion of Cavel	„	Do. ...	
	Kolbhat Wadi 1st Lane	June 1884.	Not in general	
	Do. 2nd do.	„	Do. [use.	
	Do. 3rd do.	„	Do. ...	
	Portion of Dadiseth Agiary Lane ...	„	Do. ...	
	Gaewadi Lane	„	Do. ...	
	Kalbadevi Road	„	Do. ...	
Fanaswadi Section.	Portion of Dadiseth Agiary Lane...	June 1884.	Do. ...	
	Bhuleshwar Road	May 1881.	Do. ...	
	Kumbhartukda	„	Do. ...	
	Fanaswadi (portion of)	„	Do. ...	
	Portuguese Church Street	„	Do. ...	
	Khattarwadi	„	Do. ...	
Bhulesh-war Section.	Bhuleshwar Road	June 1884.	Do. ...	
	1st Fopalwadi	„	Do. ...	
	2nd Do.	„	Do. ...	
	Portuguese Church Street	„	Do. ...	
	2nd Portuguese Lane...	„	Do. ...	
	Dadiseth Agiary Lane	„	Do. ...	
	Ardeshir Dady Street	May 1881.	Dec. 1887 ...	
	2nd Carpenter Street...	June 1884.	Do. ...	
	Islampura Street	„	Do. ...	
	Sindi Gally	„	Do. ...	
	Girgam Back Road (portion) ...	„	Do. ...	
	Khetwadi Main Road	„	Do. ...	
	Islampura Cross Lane	„	Do. ...	
Girgam Section.	Portion of Kandewadi	June 1884.	Not in general use.	
	Bhuleshwar Road	May 1881.	Dec. 1884 ...	Night-soil admitted from Cafnac Bunder.
	Girgam Back Road (portion) ...	June 1884.	Not in general use.	
	Jagonnath Sadasiv Street	„	Do. ...	
	Kakadwadi Lane	„	Do. ...	
	Khaterwadi 1st Lane	„	Do. ...	
	Portuguese Church Lane	July 1884.	Do. ...	
	Thakurdwar Road (portion)... ...	June 1884.	Do. ...	
	Queen's Road	July 1884.	July 1884 ...	Sewage admitted from Sonapur Drains.
	Charni Road	„	Do. ...	Ditto.
	Khaterwadi 2nd Lane	June 1884.	Not in general use.	
Chaupati...	Damar Gally (small portion) ...	June 1884.	Do. ...	
	Portuguese Church Road	July 1884.	Do. ...	
	Portion of Mathew Road	„	Oct. 1886 ...	Night-soil admitt from Girgam Depôt.

Section.	Names of Streets.	Date of Completion.	Date on which brought into use.	Remarks.
Khetwadi Section.	Ardesher Dadi Street...	June 1884.	Dec. 1886 ...	
	Portion of Girgam Back Road ...	,,	Do. ...	
	Grant Road	,,	Do. ...	
	Khetwadi Back Road	,,	Do. ...	
	Do. Main Road	,,	Do. ...	
	Khetwadi Lanes from 1st to 9th ...	,,	Do. ...	
	Do. from 10th to 15th...	June 1886.	Do. ...	
	Parsiwada 1st Street	June 1884.	Do. ...	
	Do. 2nd do.	,,	Do. ...	
	Do. 3rd do.	,,	Do. ...	
Walkeshwar.	Portion of Gamdevi	June 1884.	Not in general use.	
Mahalakshmi.	Tardeo Road	June 1884.	Do. ...	
Tarwadi.	Love Lane	March 1885.	Not in general use.	
	Victoria Road			
	Parel Road (from Love Lane to Clerk Road)			
Byculla Section.	Agripada	Mar. 1885.	Not in general use.	
	Clare Road	,,	Do. ...	
	Clerk Road	Sept. 1886.	Do. ...	
	DeLisle Road	June 1885.	June 1887 ...	
	Haines Road (from Byculla Bridge to Jacob's Circle)	Mar. 1885.	Not in general use.	
	Haines Road (from Jacob's Circle to Dhobiwada)	July 1884.	July 1884 ...	
	Parel Road (from Love Lane to Clerk Road)	Mar. 1885.	Not in general use.	
Kamatipura.	Kamatipura Bazar Street	June 1884.	Oct. 1886 ...	
	Do. Centre Street	,,	Do. ...	
	Khursedji Suklaji Street	,,	Do. ...	
	Portion of Foras Road	,,	Do. ...	
	Do. Grant Road	,,	Do. ...	
	Kamatipura Streets from 1st to 16th	,,	Do. ...	
	Umarkhadi Sewer Road	,,	Do. ...	
	Branton Road	,,	Do. ...	
1st Nagpada.	Clare Road	Mar. 1885.	Not in general use.	
2nd Nagpada.	Parel Road (from Love Lane to Clerk Road)	Mar. 1885.	Do. ...	
Tardeo Section.	Khursedji Suklaji Street	Apl. 1885.	April 1885 ...	
	Grant Road	Mar. 1885.	Not in general use.	
	Tardeo Road	,,	Do. ...	
	Gilder Street (portion)	,,	Do. ...	
	Portion of Foras Road	,,	Do. ...	
	Falkland Road...	May 1881.	Do. ...	
	Umarkhadi Sewer Road	Apl. 1885.	April 1885 ...	
	Anstey Road	June 1884.	Not in general use.	
Parel.	Portion of Arthur Road	Sept. 1886.	Only partially in use.	
	DeLisle Road	June 1885.	June 1887 ...	

2. It will be seen that it is only in Kamatipura, Khetwadi, DeLisle Road and the Marine Lines, that the new sewers have through the completion of house connections been fully and fairly brought into use.

3. The sewerage system is to some extent in use in every part of its distribution, but not generally in a manner which can be considered beneficial.

4. For instance, the main sewer receives the night-soil from the Carnac Bunder Depôt and the Kamatipura Depôt, and the sewage from the old main drain at Bellasis bridge. The reception of the night-soil at Carnac Bunder under the special circumstances of its admission cannot be assumed to have in any way a beneficial effect upon the districts or streets through which the main sewer passes (Carnac Road, Shaik Memon Street, Bhuleshwar, Khetwadi, &c.), nor can the addition of the night-soil from Kamatipura benefit Grant Road, Falkland Road and the Flats.

5. Then, again, the admission of sewage from the main drain at Bellasis Bridge cannot have any particular effect, either good or bad, upon the districts contributing that sewage to the main drain.

6. And further, the admission of sewage from the Sonapur drain into the Queen's Road sewer, cannot in any particular manner benefit the districts, the sewage of which is conveyed by that drain, nor can that sewage be beneficial to the districts through which the Queen's Road sewer passes, especially after the addition of the night-soil from the Girgam Depôt. The Queen's Road sewer, though brought into use, is employed merely as a carrier of sewage contributed by other districts than those through which it passes. Its advantages are general, and not particular, general in alleviating the nuisance of the outfalls into Back Bay, but not particular as regards the dwellings on its route.

(*b*).—*Sewerage and Surface Drainage Works.*
Sanctioned since 1880.

The undermentioned Sewerage and Surface Drainage (Loan) Works have been sanctioned from time to time since 1880: —

Name and description of work.	Date when grant was sanctioned by the Corporation.	Amount of grant.	Remarks.
		Rs.	
Main sewer	24th Jan. 1880 ...	6,04,264	Ovoid and pipe sewers in Kamatipura and ovoid sewer in Clerk Road were sanctioned to be carried out from the savings on these works.
Pipe sewers	„ „ ...	4,72,364	
Outfall sewer, new pumping station and one pair of engines	„ „ ...	3,90,042	
Queen's Road intercepting sewer including compensation for land (Charni Road)	8th Dec. 1881 ...	1,92,000	
First Drainage Section house connection without privy fittings	„ „ ...	6,25,561	
Automatic flushers at heads of gullies..	„ „ ...	6,100	
Kamatipura house connections	„ „ ...	33,917	
Kamatipura privy connections	„ „ ...	44,647	

Name and description of work.	Date when grant was sanctioned by the Corporation.	Amount of grant.	Remarks.
Provision for shaft ventilators in the First Drainage Section...	8th Dec. 1881 ...	Rs. 50,000	
Closing storm-water openings in Frere Road sewer and providing ventilators.	,, ,, ...	25,000	
Two additional pumping engines... ...	14th April 1882....	88,000	
Widening Love Grove sluices			
Culvert under B. B. & C. I. Railway new Bellasis Road			
Khetwadi survey			
Raising level of Khetwadi Roads ...			
Do. private compoundds in Khetwadi			
Three branch drains in Khetwadi and storm-water entrances			
Intercepting drain, Tardeo District, and storm-water entrances			
Connection between low level sewer and new main sewer	22nd Mar. 1882	14,12,000	
Intercepting drain from Paedhoni to Bellasis Road and storm-water entrances			
Enlarging old open main drain			
Laying a new 24″ main and removing old 24″ Tulsi main from across the Stormwater Reservoir			
Stormwater Reservoir on the Flats and raising level of manholes on main sewer			
Pipe sewers in the Agripada District ...	16th May 1883 ...	1,16,044	
Pipe sewer in DeLisle Road from Elphinstone Road to the Clerk Road ovoid sewer	,, ,, ...	72,167	
Extension of Clerk Road ovoid sewer to Parel Road	,, ,, ...	38,978	
Ovoid sewer across the old Race Course, Ripon Road	,, ,, ...	69,351	
Ovoid sewer, Argyll Road	,, ,, ...	27,600	
Ovoid sewer from the Crawford Markets along Hornby Road to Bazar Gate, and thence by Mint Road to the Town Hall for the drainage of the neighbourhood contiguous thereto, including the G. I. P. Railway Terminus (Victoria) the Fort, and the southern portion of the Port Trust Estate... ...	,, ,, ...	93,410	
Fort sewerage works (pipe sewers house branches, ventilating shafts and flushing chambers)	22nd Dec. 1884...	4,53,329	
Additional works at Love Grove Pumping Station	24th Nov. 1884...	39,724	
Pipe sewers in certain roads in the north-west part of Khetwadi	Budget for 1885-86 ...	6,290	
Side Drain Wadi Bunder Road	,, ,, ...	9,046	
Night-soil Depôt, Girgam...	11th Dec. 1884 ...	8,471	
Do. do. Kamatipura	,, ,, ...	7,873	
Repairs to the Falkland Road Main Drain	29th Oct. 1885 ...	65,398	
Survey for pipe sewers and house connections in the Queen's Road and Girgam District	8th Dec. 1881 ...	10,661	
Pipe sewers with house gully branches and siphons in the Queen's Road and Girgam District...	28th July 1887 ...	2,87,598	
House sullage connections with house gully and wall pipes and trapped receptacles for liquid matter from privies in the Queen's Road and Girgam District...	,, ,, ...	8,27,831	

(B).—WATER WORKS.

Malabar Hill Reservoir Roof.

Contractors:—Messrs. Littlewood, Pallanji & Co.

The whole of the work is completed, and the deposit has been refunded to the contractors.

2. The following statement gives in detail the quantities and cost of work done under the contract:—

Quantities.	Particulars.	Rate.	Per	Amount.
	Masonry Roof over the Storage Basin.	Rs. a. p.		Rs. a. p.
27,694·28 c. ft.	Brickwork in hydraulic mortar without pointing.	35 0 0	100 c. ft.	9,692 15 11
20,164·52 „	Do. do. with do.	40 0 0	„	8,065 12 11
607·31 „	Brick arching in hydraulic mortar without pointing.	45 0 0	„	273 4 7
95,017·52 „	Do. do. with do.	50 0 0	„	47,508 12 1
43·92 „	Rubble masonry in hydraulic mortar without pointing....	25 0 0	„	10 15 8
20,146·15 „	Do. do. with do. ...	30 0 0	„	6,043 13 6
503·33 „	Cutstone work fixed, complete	2 8 0	c. ft.	1,258 5 2
16,404·10 „	Concrete in hydraulic mortar over haunches	28 0 0	100 c. ft.	3,772 15 1
31 Nos.	Cast-iron ventilators	55 0 0	each.	1,705 0 0
15 „	Prolonging shafts of outlet valves of Filter Beds.....	15 0 0	„	225 0 0
15 „	2½" C. I. socketed tubes built into the vaulting	10 0 0	„	150 0 0
15 „	Small brick shafts over ends of valve spindles	10 0 0	„	150 0 0
15 „	C. I. boxes over valve spindles	10 0 0	„	150 0 0
	Arch over the Outlet Pipe.			
463·19 c. ft.	Brickwork in hydraulic mortar without pointing	35 0 0	100 c. ft.	162 1 10
175·50 „	Brick arching in do. do.	45 0 0	„	78 15 7
	Total...Rs.			79,248 0 4
	Tiled Roof over the Settling Tank.			
1,603·46 c. ft.	Excavation in concrete and rock ...	3 0 0	100 c. ft.	48 1 7
263 No.	Providing and fixing cut-stone blocks	13 8 0	each.	3,550 8 0
cwt. qrs. lbs. 2,416 1 8	Cast-iron pillars, fixed complete	6 0 0	cwt.	14,497 14 10
cwt. qrs. lb. oz. 129 1 24 1	Wrought-iron work, fixed complete...	14 0 0	„	1,812 8 1
9,130·38 c. ft.	Teak timber in trussee, fixed complete	2·95	c. ft.	26,934 9 11
102,960·94 s. ft.	¾" Planking, fixed complete	0·31	s. ft.	31,917 14 3
95,463·72 „	Mangalore tiling, fixed complete.....	14 0 0	100 s. ft.	13,364 14 8
612 r. ft.	Eaves board ¾", fixed complete.....	0·30	r. ft.	183 9 7
3,134·18 „	Sheet-iron gutters, fixed complete ...	1 0 0	„	3,134 2 10
	Carried forward...Rs.			95,414 3 9

Quantities.	Particulars.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
	Brought forward...Rs.			95,444 3 9
	GABLES AND PARAPET WALLS AROUND THE STORAGE BASIN AND SETTLING TANK.			
3,433·55 c. ft.	Rubble masonry in hydraulic mortar with pointing.	30 0 0	100 c. ft.	1,030 1 0
341·42 „	Brick arching in do. do.	70 0 0	„	239 3 8
47·25 „	Do. do. without pointing.	65 0 0	„	30 11 4
93·00 „	Blue cutstone work, fixed complete...	2·75	c. ft.	255 12 0
289·72 s. ft.	Fixed venetians with frames complete	1·75	s. ft.	419 8 1
78·75 „	Doors, fixed complete.....	1·50	„	118 2 0
	Total...Rs.			97,537 9 5
	TILED ROOF OVER THE FILTER BEDS.			
9,660·33 c. ft.	Rubble masonry in hydraulic mortar with pointing	30 0 0	100 c. ft.	2,898 1 7
972·91 „	Blue cutstone fixed, complete	2·50	c.ft.	2,432 4 4
8,312·88 „	Teak timber in trusses	2·95	„	24,522 15 11
57,980·65 s. ft.	Mangalore tiling, fixed complete	14 0 0	100 s. ft.	8,117 4 7
63,038·06 „	¾" Teak planking, fixed complete.....	0·31	s. ft.	19,541 12 9
cwt. qr. lbs.				
114 1 15	Wrought-iron work, fixed complete...	14 0 0	cwt.	1,601 6 0
1,385·42 r. ft.	Sheet-iron gutters fixed complete ...	1 0 0	r. ft.	1,385 6 8
242·42 „	¾" Eaves board fixed complete.....	0·21	„	50 14 6
7·58 „	Do. do. do.	0·30	„	2 4 3
250·00 „	Large eaves board fixed complete ...	1 0 0	„	250 0 0
	EAST GABLES OF FILTER BEDS.			
4,017·61 c. ft.	Rubble masonry in hydraulic mortar with pointing	30 0 0	100 c. ft.	1,205 4 6
204·03 „	Blue cutstone, fixed complete	2·75	c. ft.	561 1 3
134·14 „	Brick arching in hydraulic mortar with pointing	70 0 0	100 c. ft.	93 14 4
68·60 s. ft.	Fixed venetians with frames, fixed complete	1·75	s. ft.	111 4 9
31·86 „	Movable venetians, fixed complete ...	1·50	„	47 12 7
	WEST GABLES OF FILTER BEDS.			
2,172·99 c. ft.	Rubble masonry in hydraulic mortar with pointing	30 0 0	100 c. ft.	651 14 4
458·14 „	Blue cutstone fixed complete	2·75	c. ft.	1,259 14 1
20·31 „	Teak timber, fixed complete	2·95	„	59 14 7
416·00 s. ft.	Doors with fittings, complete	1·50	s. ft.	624 0 0
3,902·91 „	Sky lights for filter bed roofs	1·50	„	5,854 5 10
	Total...Rs.			71,271 12 10
	TILED ROOF OVER THE INLET WELL.			
5,240·12 c. ft.	Rubble masonry in hydraulic mortar with pointing.	30 0 0	100 c ft.	1,572 0 6
181 „	Do. do. without pointing.	25 0 0	„	45 4 0
203·82 „	Blue cutstone, fixed complete	2·75	c. ft.	
	Deduct—cost of cut-stone removed and refixed	560·8		
		33·12		
468 „			.....	526 12 0
6,080 s. ft.	Teak timber, fixed complete.....	2·95	c. ft.	1,380 9 7
144 c. ft.	¾" Teak boarding, complete	0·31	s. ft.	1,884 12 9
	Brick arching in hydraulic mortar with pointing	60 0 0	100 c. ft.	86 6 4
5,760 s. ft.	Mangalore tiling, fixed complete	14 0 0	100 s. ft.	806 6 4
cwt. qr. lbs. oz.				
4 1 10 1	Wrought-iron work, fixed complete...	14 0 0	cwt.	60 12 1
276·67 r. ft.	Sheet-iron gutters, fixed complete ...	1 0 0	r. ft.	276 10 8
49 s. ft.	Doors and fittings, complete.....	1·50	s. ft.	73 8 0
	Total...Rs.			6,713 2 3

Quantities.	Particulars.	Rate.	Per	Amount.
	TILED ROOF OVER THE OUTLET WELL.	Rs. a. p.		Rs. a. p.
132 c. ft.	Teak timber, fixed complete	2·95	c. ft.	389 6 4
1,440 s. ft.	¾″ teak planking, fixed complete	0·31	s. ft.	446 6 4
cwt. qr. lbs. oz.				
1 0 26 14	Wrought-iron work do.	14 0 0	cwt.	17 5 9
80 r. ft.	Sheet-iron gutters do.	1 0 0	r. ft.	80 0 0
37·16 c. ft.	Blue cutstone work do.	3 0 0	c. ft.	111 7 8
1,166·13 „	Rubble masonry in hydraulic mortar with pointing	30 0 0	100 c. ft.	349 13 5
46·28 s. ft.	Doors with fittings, fixed complete	1·50	s. ft.	69 6 8
60 c. ft.	Brick work in hydraulic mortar with pointing	70 0 0	100 c. ft.	42 0 0
1,359·97 s. ft.	Mangalore tiling, fixed complete, including ridge tiling	14 0 0	100 s. ft.	190 6 3
	Total...Rs.			1,696 4 5
	ARRANGEMENTS FOR WORKING THE OUTLET SLUICES.			
cwt. qr. lbs.				
120 3 14	Cast-iron work, fixed complete	7·50	cwt.	906 9 0
53 1 23	Wrought-iron work do.	14 0 0	„	748 5 11
57·6 r. ft.	1″ Pipe, including coupling complete.	0·20	r. ft.	11 8 0
134 s. ft.	3″ Teak planking tongued	0·80	s. ft.	107 3 2
2·02 c. ft.	Teak timber work, fixed complete	2·95	c. ft.	5 15 4
	Total...Rs.			1,779 9 5
	WASHING TANKS FOR THE FILTER BEDS.			
1,536 c. ft.	Excavation in earth	2·50	100 c. ft.	38 6 4
4,360 „	Rubble masonry in common mortar	20 0 0	„	872 0 0
156·80 „	Teakwood work, fixed complete	2·95	c. ft.	462 8 11
773·03 s. ft.	Perforated zinc plate do.	0·25	s. ft.	193 4 1
3,928 „	Chunam plaster 1″ thick	10 0 0	100 s. ft.	392 12 9
4,020 „	Cement and sand plaster, ½″ thick	15 0 0	„	603 0 0
900 c. ft.	Concrete in hydraulic mortar	23 0 0	100 c. ft.	207 0 0
2,590·72 „	Rubble packing	8 0 0	„	207 4 1
781·03 s. ft.	Frames for perforated zinc plate	0·25	s. ft.	195 4 1
280·32 c. ft.	Brickwork in common mortar	32 0 0	100 c. ft.	89 11 2
	6″ WATER MAIN.			
3 Nos.	6″ Cast-iron bends, fixed complete	20 0 0	each.	60 0 0
8 „	3″ Do. do. do.	10 0 0	„	80 0 0
8 „	6″×3″ junctions, fixed do.	25 0 0	„	200 0 0
1 No.	6″ Sluice valve, fixed complete	75 0 0	„	75 0 0
1 „	6″ Do. do.	80 0 0	„	80 0 0
1 „	6″×6″ Cast-iron junction complete	20 0 0	„	20 0 0
8 Nos.	3″ Stop-cocks with spindles	40 0 0	„	320 0 0
236 r. ft.	6″ Cast-iron pipe laid, complete	2 0 0	r. ft.	472 0 0
80 „	3″ Do. do. do.	1 0 0	„	80 0 0
	9″ PIPE DRAIN.			
4,271 c. ft.	Excavation in earth, including filling.	2·50	100 c. ft.	106 12 4
8 Nos.	6″ Stoneware bends laid, complete	4 0 0	each.	32 0 0
220·50 r. ft.	9″ Do. pipe do. do.	1·50	r. ft.	330 12 0
8 c. ft.	Cutting out and rebuilding rubble masonry in hydraulic mortar with pointing for insertion of C. I. pipes	40 0 0	100 c. ft.	3 3 2
16 r. ft.	2″ Cast-iron pipe laid, complete	0·75	r. ft.	12 0 0
	Total...Rs.			5,132 14 11

Quantities.	Particulars.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
	DIVERSION OF ROAD AND FORMATION OF BANKS ROUND THE RESERVOIR.			
8,28,696·25 c. ft.	Earth filling in banks round the Reservoir rammed and consolidated...	1·75	100 c. ft.	5,752 2 11
35,340·08 s. ft.	Turfing slopes of the banks	1·50	100 s. ft.	545 1 7
551·04 c. ft.	Rubble masonry in hydraulic mortar in foundation	25 0 0	100 c. ft.	137 12 1
900 „	Do. do. without pointing ...	25 0 0	„	225 0 0
699·17 „	Brick arching do. do.	45 0 0	„	314 10 0
22,900 „	Dry rubble stone walling	8 0 0	„	1,832 0 0
34,475·90 s. ft.	Road-making, complete.....	9 0 0	100 s. ft.	3,102 13 3
59,550·60 c. ft.	Rock excavation	11 0 0	100 c. ft.	6,550 9 0
21·50 r. ft.	String course over culvert.....	1 0 0	r. ft.	21 8 0
131·77 c. ft.	Rubble masonry in hydraulic mortar without pointing	25 0 0	100 c. ft.	32 15 0
5 Nos.	Hewing down date trees.....	1 0 0	each.	5 0 0
2 „	Do. large do.	2·50	„	5 0 0
2 „	Do. palm do.	1·50	„	3 0 0
855·75 r. ft.	Dry rubble stone steps	25 0 0	100 r. ft.	213 15 0
8,145·16 c. ft.	Road metal	8·50	100 c. ft.	692 5 5
1 No.	Thatched roof	15 0 0	each.	15 0 0
100 Nos.	Wooden pegs	4 0 0	100	4 0 0
1 Bdle.	Line	0·50	bdle.	0 8 0
	Total...Rs.			19,453 4 3
	DIRECT DELIVERY ARRANGEMENT TO FILTER BEDS.			
683·75 r. ft.	24" Cast-iron pipe, fixed complete...	11 0 0	r. ft.	7,521 4 0
3,740·32 c. ft.	Excavation in earth, &c.	2·50	100 c. f t	93 8 1
1,065·84 „	Concrete in hydraulic mortar	23 0 0	„	245 2 3
1.219·84 „	Rubble masonry in hydraulic mortar with pointing	30 0 0	„	365 15 2
40·54 „	Cutstone under penstock	2·25	c. ft.	91 3 5
68 „	Teak timber fixed complete.....	2·95	„	200 9 7
408 s. ft.	3" Teak planking	0·80	s. ft.	326 6 4
cwt. qr. lbs. 10 3 8	Cast-iron work, fixed complete	8 0 0	cwt.	86 9 1
qrs. lbs. oz. 3 3 12	Wrought-iron work, complete.....	14 0 0	„	10 15 6
192·65 c. ft.	Ashlar blocks under standards	2·50	c. ft.	481 10 0
800 Nos.	Naosari bricks	25 0 0	1000No	20 0 0
20 c. ft.	Rubble stone	7·50	100 c. ft	1 8 0
125 „	Sand	8 0 0	„	10 0 0
15 „	Hydraulic mortar	25 0 0	„	3 12 0
9 Nos.	Casks of cement, including carting..	10 0 0	each.	90 0 0
.....	Labour for departmental work.....	102 2 9	lot.	102 2 9
106·20 s. ft.	Cement and sand plaster ½" thick...	15 0 0	100 s. ft.	15 14 10
872·13 c. ft.	Breaking masonry	4 0 0	100 c. ft.	34 14 1
117 „	Blue cutstone fixed	2·50	c. ft.	292 8 0
189·57 s. ft.	Wire netting cage	0·50	s. ft.	94 12 6
1 No.	Tin reflector	3 0 0	each.	3 0 0
11·82 c. ft.	Cement concrete.....	30 0 0	100 c. ft.	3 8 8
1 No.	Wrought-iron tank.....	550 0 0	each.	550 0 0
1 „	Wrought-iron tank 5' 8"×5' 8"×5'8"	300 0 0	„	300 0 0
40½ Days	Coolies	0·37	day	15 1 2
1,132·80 c. ft.	Rubble masonry in common mortar without pointing	20 0 0	100 c. ft.	226 8 11
15 Nos.	Extra joints to 24" cast-iron pipe ...	12 0 0	each.	180 0 0
15 „	Do. cartage for do.	2 0 0	„	30 0 0
1,925 c. ft.	Excavation in earth	2·50	100 c. ft.	48 2 0
63 „	Breaking up masonry and concrete...	4 0 0	„	2 8 3
	Carried over...Rs.			11,447 8 7

Quantities.	Particulars.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
	Brought forward...Rs.	.....	...	11,447 8 7
110·54 c. ft.	Cement concrete	30 0 0	100 c. ft.	33 2 7
183·73 „	Rubble masonry in hydraulic mortar without pointing...	25 0 0		
.142 „	Do. do. with do. ...	30 0 0	„	45 14 11
2·22 „	Brickwork in hydraulic mortar without pointing	35 0 0	„	42 9 7
22·50 s. ft.	Cement and sand plaster 1" thick ...	20 0 0	100 „ s. ft.	0 12 5
3 Nos.	Stone masons	1 0 0	each.	4 8 0
12 days	Coolies	0·37	day	3 0 0
.....	Sharpening tools	0·75	lot.	4 7 0
.....	Labour for removing penstock	1 0 0		0 12 0
.....	Disjointing pipe from tank	2 0 0	„	1 0 0
2 Nos.	Boxes of puddle	10 0 0	„	2 0 0
.....	Removing and replacing 6" stone-ware pipe.....	1 0 0	each.	20 0 0
21 r. ft.	Do. do. 6" C. I. pipe and bend	1 0 0	„	1 0 0
.....	Nowghanis' labour for bringing 24" bend and 24" pipe	5 0 0	r. ft.	21 0 0
313·97 lbs.	Lead for joints.....	0·13	lot. lb.	5 0 0 40 13 0
	Total...Rs.			11,673 8 1
	DIRECT DELIVERY ARRANGEMENT TO OUTLET PIPE.			
480 r. ft.	Carrying, laying and jointing 24" cast-iron pipe	11 0 0	r. ft.	5,280 0 0
4,971·69 c. ft.	Rubble masonry in hydraulic mortar with pointing	30 0 0	100 c. ft.	1,491 8 1
2,979 „	Breaking out masonry	4 0 0	„	119 2 6
998·64 „	Brick arching in hydraulic mortar without pointing	45 0 0	„	431 6 2
500 „	Brick masonry in do. do.	35 0 0	„	175 0 0
14 Nos.	Cast-iron steps.....	10 0 0	dozen	11 10 8
1 No.	Carrying, laying and jointing 24" sluice	550 0 0	each.	550 0 0
1 „	Do. do. new pipe line.	550 0 0	„	550 0 0
1 „	Do. do. T pipe ...	350 0 0	„	350 0 0
9 „	Extra joints to 24" cast-iron pipe ...	12 0 0	„	108 0 0
9 „	Do. cartage for do. ...	2 0 0	„	18 0 0
cwts. qr. lbs.				
12 1 21	Cast-iron brackets	7 8 0	cwt.	93 4 7
4 1 0	Wrought-iron work.....	14 0 0	„	59 8 0
2 Nos.	2½" Cast-iron socketted tubes fixed in vaulting	7 0 0	each.	14 0 0
1 No.	Supplying, laying and jointing 24" cast-iron T pipe.	350 0 0	„	350 0 0
	Total...Rs.			9,601 8 0
	DISPUTED ITEMS.			
10 days.	Pumping engine engaged in pumping out rain water from the settling tank.....	50 0 0	day	500 0 0
170,069·46 s. ft.	Tarring under tiles.....	2 0 0	100 s. ft.	3,400 0 0
4,400 r. ft.	Setting ridge tiles in mortar	0 4 0	r. ft.	1,100 0 0
.....	Fillet to settling tank & filter bed roof deducted from the contractors' bill	.....	...	398 13 8
.....	Division wall between storage basin and outlet well	.....	...	1,509 6 2
1,225 c. ft.	Difference of 1' in bay arches in brick in storage basin	50 0 0	100 c. ft.	612 8 0
	Carried over...Rs.			7,520 11 5

Quantities.	Particulars.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
	Brought forward...Rs.	...		7,520 11 5
1,300 c. ft.	Difference of 1" in bay arches in brick masonry to side	40 0 0	100 c. ft.	520 0 0
345 „	Filling in rubble springing of bay arch	30 0 0	„	103 8 0
92 Nos.	Opening made for the above	.....	.....	138 0 0
.....	Breaking side wall of storage basin for spring of arch under road level.	.....	.....	27 0 0
.....	Removal of debris of opening under filter bed from bed of storage basin	.....	.....	100 0 0
35·02 c. ft.	Rubble masonry in cement	28 0 0	100 c. ft.	9 12 9
276·86 „	Brickwork in cement with pointing.	47 0 0	„	130 2 0
89·14 „	Difference in rate for brick ring piping.....	25 0 0	„	22 4 0
869·50 „	Difference for brick arching with pointing in work under filter bed...	5 0 0	„	43 7 6
660 „	Rubble masonry over the above.....	30 0 0	„	198 0 0
660 „	Breaking the above	4 0 0	„	26 6 5
.....	Cut-stone block and rubble masonry penstock	.....	.....	34 8 0
1 No.	Truss made but not used	.....	.....	115 4 0
2,600 c. ft.	Difference in quantities in haunches over vaulting	23 0 0	100 c. ft.	598 0 0
878 „	Hydraulic lime concrete round bases of column	23 0 0	„	201 15 0
1 No.	24" sluice as per contract rate	550 0 0	each	525 0 0
	Deduct—cost of fixing ...	25 0 0		
cwts. qrs.	6" Cast-iron standard.....	347 8 0	6 cwts.	340 0 0
57 1	*Deduct*—cost of fixing ...	7 8 0		
2 Nos.	Double penstock	1,618 13 10	.....	1,738 13 10
.....	Carrying and fixing the same	120 0 0		
15 Nos.	Making valves for filter beds.....	4,306 1 2	.....	4,606 1 2
	Carrying and fixing the same	300 0 0		
				16,998 14 1
.....	In settlement of these claims the amount awarded to the Contractors was	.....	.....	3,000 0 0
40,741·15 s. ft.	Cement plastering	14 0 0	100 s. ft.	5,703 12 1
				8,703 12 1

SUMMARY.

		Rs.	a.	P.
1.	Masonry roof over the storage basin and arch over the outlet pipe	79,248	0	4
2.	Tiled roof over the settling tank, and gables and parapet walls round the storage basin and settling tank	97,537	9	5
3.	Tiled roof over the filter beds	71,271	12	10
4.	Do. do. inlet well	6,713	2	3
5.	Do. do. outlet well	1,696	4	5
6.	Arrangement for working the outlet sluices	1,779	9	5
7.	Washing beds for the filter beds	5,132	14	11
8.	Diversion of road and formation of banks round the reservoir	19,453	4	3
9.	Direct delivery arrangement to filter beds	11,673	8	1
10.	Do. do. to outlet pipe	9,601	8	0
11.	Additional items	8,703	12	1
	Total...Rs.	3,12,811	6	0

3. The undermentioned extra works sanctioned to be met from savings on the contract are being carried out departmentally under Inspector Mr. Baker :—

	Rs.
Filling in over storage basin	4,225
Completing east bank	6,309
Brick steps to filter beds	300
Differential gauges	300
Iron steps	775
Fillets to roofs	400
Wire netting to gutters of settling tank	151
„ „ „ filter beds	47
Stays to tie-beams, over settling tank and filter beds (bought from contractors at half price)	800
Platforms over Filter beds	3,906
Box and bamboo frames for creepers	197
Railing round platform in inlet well	37
Coping over dwarf wall of tank	40
Three huts for Mâlis	227
Railings to filter bed doors and chamber-doors leading to storage basin	360
Brick steps at cut-off corner	125
Diverting the water main on the east of the Reservoir	2,500
Total...Rs.	20,699

(C).—BUILDING DEPARTMENT.

The number of applications for permission to either build or re-build during the year under report amounted to 1,200. Out of these, 1,122

applications were passed, and the remaining 78 were rejected on sanitary or other grounds.

2. The undermentioned notices, 3,965 in number, were served on house-owners, under various sections of the Municipal Acts, regarding removal of inflammable materials, building contrary to Municipal by-laws, making projections over streets, &c., &c. :—

Sections of Municipal Acts.	Particulars.	Number of Notices.	Remarks.
164	For removing inflammable materials	485	
165-167	For submitting plans	444	
167	For removing buildings erected contrary to sanctioned plans	185	
173	Against building sheds contrary to Municipal by-laws..	1	
182	Against building privies without permission	152	
192	For removing doors opening over the public road.....	153	
193	For removing old doors do. do.	154	
194	For providing rain water troughs and pipes	95	
195	For removing old projections	68	
196	For removing new projections.....	288	
200	For pulling down ruinous houses	253	
206	For cutting and trimming trees	46	
208	For removing temporary projections	881	
212	For fencing and enclosing wells, tanks and dangerous places	12	
285	Stating intention to enter houses after 24 hours	748	
	Total	3,965	

3. On failure of house-owners to comply with notices, proceedings were taken against them in the Police Courts.

4. The number of summonses issued for different offences committed under the Acts was 1,321. In 961 of these, the parties complied with Municipal requirements before service of the summonses. Convictions were obtained in 359 cases, and one case was dismissed by the Magistrate.

5. In 293 of the convictions obtained, the parties were simply warned and discharged by the Magistrates on account of their having

carried out the Municipal requirements immediately after service of the summonses.

In the remaining 66 cases, fines were inflicted, amounting in all to Rs. 212-3-2.

6. The following statement shews the different sections of the Acts under which offenders were prosecuted, and other details of the prosecutions :—

Wards.	Numbers of Sections.	Number of Summonses issued.	Complied with before service of Summonses	Convicted.	Warned and discharged.	No. of Persons fined.	No. of Cases dismissed by the Magistrate.	Amount of Fines.
								Rs. a. p.
A, B & C Wards.	209	359	209	150	110	40	...	64 13 9
	211	97	65	32	24	8	...	12 5 5
	164	31	28	3	2	1	...	1 0 0
	196	9	1	7	6	1	1	2 0 0
	208	6	...	6	6	...	...	.....
	185	2	2	...	...	...	...	.....
	182	17	8	9	8	1	...	25 0 0
D, E, F & G Wards.	209	141	105	36	36	...	...	.....
	211	38	27	11	10	1	...	6 0 0
	164	339	290	49	40	9	...	11 0 0
	194	46	41	5	4	1	...	55 0 0
	196	75	59	20	20	...	...	.....
	208	34	27	7	7	...	...	.....
	185	7	7	...	...	...	...	.....
	182	92	75	17	16	1	...	5 0 0
	212	20	13	7	4	3	...	30 0 0
	207	2	2	...	...	...	...	.....
	206	1	1	...	...	...	...	.....
	191	1	1	...	...	...	...	.....
Total...	...	1,321	961	359	293	66	1	212 3 2

7. During the year there were 43 cases of houses and buildings or parts thereof falling; 37 of such cases were trifling, and 6 of a serious nature. 4 persons were killed, and 11 slightly injured.

8. The following statement gives detailed particulars of these cases:—

STATEMENT shewing the number of houses which fell, or partially fell, down during the year 1887-88.

No.	Names of House-owners.	Locality.	No. of House.	Particulars.	Date of Accident.	Casualties.		Remarks.
						Killed.	Injured.	
					1887.			
1	Daya Mahadu	Bhandari Street	91/93	North side wall on the upper story fell down ...	5th April	...	...	
2	Ibrahim Chand	Nagdevi Road (Butcher Street)	88	A roof of tiled shed	6th „	1	5	
3	Sayad Nur Alamkhan Nabab of Bella	Dhanji Street	1	Portion of east wing	21st „	...	...	
4	Mulji Anandji	1st Pathan Street	93/95	South side wall fell down	25th „	...	...	
5	Kazi Mahomed Dadu Miya	Duncan Road	10	North side portion with story fell	20th May	1	2	
6	Jamsetji Dadabhoy	Girgam Road	4/10	House fell down	25th „	...	...	
7	Trustees of the late Mr. Goculdas Tejpal	Gowalia Tank Road	80	Roof of a room	25th „	...	...	
8	Nawab Meer Zulfikur Ali Khan Sab	Nesbit Road	4	Portion of roof of house	26th „	...	1	
9	L. W. G. Rivett-Carnac	Wellington Road	29	Porch	28th „	...	...	
10	Sonabai, wife of Ibrahim Ramji	1st Nowroji Hill Road	22	Uninhabited tiled shed	5th June	...	...	
11	Abdul Rahiman Peer Mahomed	Race Course, Agripada	...	A weaving tiled shed	6th „	...	1	
12	Hormasji Nowroji Cooper	Hammam Street	14/2	Roof of Godown	7th „	...	...	
13	Lakshmibai, widow of late Mr. Vinayakrao Jagannath Shankerset	Tardeo Road	8	Portion of Dharamshala	11th „	...	...	

No.	Names of House-owners.	Locality.	No. of House.	Particulars.	Date of Accident.	Casualties.		Remarks.
						Killed.	Injured.	
					1887.			
14	Javerchand Gumarchand...	Walkeshwar Road	...	Portion of a retaining wall at the back of the house.	11th June	...	...	
15	Mason Sab bin Chote Saheb.	Doctor Street	257	Roof fell down	15th „	...	...	
16	Fatmabai, widow	Duncan Road	302/304	Portion of roof fell down.....	15th „	...	...	
17	Eduljee Pallonji Karkhanawala	Walkeshwar Road.....	...	Portion of a retaining wall of the back of house.....	15th „	...	...	
		Wari Bunder Road	41	A tiled shed	16th „	...	...	
18	Kasiba Sadu	Sion Village	...	The east side wall of verandah.	16th „	...	...	
19	Sanjai Mingel	Lady Jamsedjee Road ...	...	Portion of the roof of a tanning shed	16th „	...	...	
20	Deoji Dulaji Dhor.....	Kavasji Patel Tank Road.	60/70	West side wall fell down.....	17th „	...	...	
21	Jamnadas Maneckchand ...	Dharavi Road.....	...	Portion of the roof of a tanning shed	20th „	...	...	
22	Haji Ismael Gul Mahomed..	2nd Kamatipura Street...	97/99/101	A portion of house	5th July	...	...	
23	Raghunathrao Ganesh or Gangaram Piraji	Matarpakadi Road.....	3	A gable wall of a chall fell down.	6th „	...	... 1	
24	Gulam Husain Saheb	Khandia Street	96	Rear portion of privies	6th „	...	...	
25	Kamu Yacub.....	Wari Bunder Road	4	A chall fell down	7th „	...	...	
26	Suttor Lakshman	Parel Road	3	Portion of chall fell down	7th „	...	...	
27	Haji Jumma Haji Abba ...	Coppersmith Street	10	A portion of east wall of house.	7th „	...	...	
28	Mothabhoy Bhichaji Contractor	Nepean Sea Road	83	Portion of Compound wall	7th „	...	...	
29	Jahangir Cowasji Jahangir.	Dadar Road	160	The south side roof of cook-room	12th „	...	...	
30	Vasonji Shamji	Sewri Cross Road	1098	The roof of stables	15th „	...	...	
31	Abamia	Junction of Nagdevi Road, Bibi Jan Row and Narayen Dhuru Street	314/318 14/20 71/79	Portion of south wall of 3-storied house	17th „	...	...	
32	Haji Rahimtoolla Sulleman.							

No.	Names of House-owners.	Locality.	No. of House.	Particulars.	Date of Accident.	Casualties.		REMARKS.
						Killed.	Injured.	
					1887.			
33	Haji Husain Issa and Haji Abdul Succoor Haji Issa	Shaik Budin Comodin Street	88/90/92	A portion of north wall	5th Aug.	...	1	
34	David Sassoon & Co.	Forbes Street	38	Roof over the terrace	13th „	...	...	
35	Behramji Patel	Dadar Rd. Koombarwada.	...	South side wall of house	13th „	...	...	
36	Jalbhai Ardeser Sett	Nowroji Hill, 2nd Row...	148	A portion of the N.-W. corner of 1st story and ground story	26th „	...	...	
37	Haji Hasan Chotani, Manager of the Masjid property	Paidhoni Road	156/172	A portion of the N.-W. side of the long chall	27th „	...	...	
38	Lakshman Bapuji	Kandewadi Street	18	Greater portion of the main wall on the road side	9th Sept.	...	...	
39	Fazul Mahomed Sala Mahomed	Nagdevi Cross Lane	2/4	The whole parapet wall of the terrace at the rear	10th „	...	...	
40	Kondaji Ananta	Jail Road, North	62	The whole vacant house	11th „	...	...	
41	Jalbhai Ardesir Sett	Nowroji Hill Road, North.	49/52	A small portion at N.-E. corner of 1st story	16th Nov.	...	...	
					1888			
42	Najuali Hasonali	Champa Galli	49/51	Portion fell down	1st Jan.	2	...	
43	Hajitbi, mother of Abdul Ali	Huzeria Street	49/51	A portion of wall of house	18th „	...	...	

9. The following statement shews in detail the number of orders issued to Inspectors under various sections of the Municipal Acts for the summary removal of ruinous houses, objectionable constructions, huts, doors opening outwards, projections and encroachments with the results of such orders :—

Sections of Municipal Acts.	Issued to Inspectors.	Orders executed by Inspectors.	Orders executed by house-owners or withdrawn.	Remarks.
164	146	58	88	
165	56	4	52	
167	21	.....	21	
173	1	.....	1	
182	1	1	.....	
192	92	22	70	
193	1	1	.....	
194	1	.....	1	
195	16	4	12	
196	88	23	65	
200	253	86	167	
207	.....	.....	.....	
208	529	312	217	
Total...	1205	511	694	

10. The amount allowed for street improvements was Rs. 40,000, and to this sum was added the unexpended balance of the previous year amounting to Rs. 66,404-1-3, thus making a total of Rs. 1,06,404-1-3. The total amount actually expended was Rs. 59,109-11-3.

11. The following nine statements marked respectively **A**, **B**, and **C 1** to **C 7** give detailed information on all points connected with street improvements for the year under review ;—

A.

STATEMENT shewing Compensation actually paid during the year 1887-88 for Land taken up for Street Improvements.

No.	Names.	No. of House.	Locality.	Area in Sq. Yards.	Rate per Sq. Yard.	Amount.	Compensation for Wirth, foundations, walls, or trees if any.	Total.	Remarks.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1	Purshotum Ooka	...	Maroti Street	14·42	10 0 0	144 3 2	.....	144 3 2	
2	Javerchand Pratapchand	506-508	Shaik Memon Street	2·43	75 0 0	180 9 2	.....	180 9 2	
3	Khorshed Kadar Syed Eskunder Ally Mirza Bahadur.	...	Parel Road, Byculla	208·00	5 0 0	1,040 0 0	432 0 0	1,472 0 0	*Less*—Rs. 1-10-10 due to Fazandar.
4	Haji Hassam Haji Abdoola	...	Doctor Street and	·41	10 0 0	124 1 7	.....	124 1 7	
			Mutton Street	10·00	12 0 0				
5	Dhuramsi Purushotam	...	Dadar Road	113·66	1 0 0	113 10 6	.....	113 10 6	
6	Vussonji Mohanji	10	Mungesh Seooy Street	1·33	20 0 0	26 9 7	.....	26 9 7	
7	Jamsetji Peeroshaw	185	Doctor Street	4·00	10 0 0	40 0 0	.....	40 0 0	
8	Aboo bin Hadji	30	Ghogari Mohola	18·58	15 0 0	278 11 2	.....	278 11 2	
9	Krishnarao Ramchander and Balkrishna Ramchander.	21	Girgam Road (Dhobi Talao).	9.48	20 0 0	189 9 7	74 12 0	264 5 7	
10	Haji Aboo Bucker Haji Esmail.	...	Musjid Bunder Road	115·08	75 0 0	8,618 11 8	300 0 0	8,918 11 8	
11	Oomabai, widow of Dhondiraj Venayek Bevalker.	...	Picket Road	1·25	15 0 0	18 12 0	.....	18 12 0	
12	Haji Hassum Haji Abdula	82-86	2nd Cooper Street	14·00	10 0 0	140 0 0	.....	140 0 0	
13	Hurkorebai, widow of Hurgowan Khosal.	...	Maroti Street	15·28	10 0 0	152 12 9	.....	152 12 9	
14	Hurji Lowji Mistry	...	Khoja Street	6·28	6 0 0	37 10 10	.....	37 10 10	
15	Dewaji Premji	...	DeSouza Street & Chukla Cross Lane.	74·62	64 14 0	4,842 0 0	*225 0 0	5,067 0 0	* Police Court costs & amount awarded by the Chief Presidency Magistrate.
16	Haji Noor Mahomed Sulleman.	4	Chinchpokly Road	504·88	2 12 0	1,388 6 8	*1,640 0 0	3,028 6 8	
17	Peerbhoy Damji	540	Dongri Street	36·74	20 0 0	734 12 9	.....	734 12 9	
18	Do.	542-546	Do. do.	29·55	20 0 0	543 0 11	290 0 0	833 0 11	
19	Valji Hirji	290-292	Lohar Street	15·55	15 0 0	233 4 0	853 15 8	1,087 3 8	*Less*—Rs. 47-15-1 due to Fazandar.
20	Dhanjibhoy Kikabhoy	11	Gola Lane	7·12	15 0 0	106 12 9	.....	106 12 9	
21	Haji Oosman Tarmahomed	57-59	Narayen Dhuru Street	5·12	15 0 0	72 3 6	.....	72 3 6	
22	Peerbhoy Rahim	569-577	Dongri Street	21·67	20 0 0	433 6 4	.....	433 6 4	
23	Haroon Oosman	...	Dadar Road	108·82	0 12 0	81 9 10	.....	81 9 10	

No.	Names.	No. of House.	Locality.	Area in Sq. Yards.	Rate per Sq. Yard.	Amount.	Compensation for plinth, foundations, walls, or trees if any.	Total.	Remarks.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
			Girgam Back Road.....	14·81	10 0 0	148 1 7	.....	148 1 7	
24	Rambhavahoo, widow of Bhut Harjivan Ramji.	...	Marine 2nd & 3rd Streets.	9·49 3·92	10 0 0	134 1 7	.....	134 1 7	
25	Manakji Dadabhoy Bhugut.....	...	Pinjrapole Street.....	64·43	15 0 0	966 7 2	431 12 5	1,398 8 7	
26	Jamnadas Geegabhoy, Hiralal Tribhowandas & Purshotamdas Mungaldas Nathubhoy, Trustees to the estate of the Hurgowan Anundji Desai's Charities.	29-43							
			Pinjrapole 2nd Street ...	15·00	15 0 0	225 0 0	.....	225 0 0	
27	Vizbhookandas Atmaram	...	Girgam Back Road	4·87	10 0 0	48 11 2	74 3 4	122 14 6	
28	Bhowanishanker Balkrishna Dadarker.	...		3·89	5 0 0	19 7 2	.....	19 7 2	
29	Manekbai, wife of Kursetji Pestonji.	146-160	Kamatipura 13th Street ..	6·30	5 0 0	19 12 0	.....	19 12 0	*Less*—Rs. 11-12-0 due to Fazandar.
30	Sidoo Raghoo	102	Matarpakadi Road	5·99	7 0 0	41 14 10	70 6 9	112 5 7	
31	Purbhodass Pranjivandass, Trustee to the estate of Etchalal Pranjivandas.	76-80	Kandawadi Lane.....						
32	Punalal Hiralal	...	Walkeshwar Road	18·94	3 0 0	56 13 1	.....	56 13 1	
33	Trustees of the Port of Bombay.	...	Gorupdeo Road	217·00	2 0 0	434 0 0	.....	434 0 0	
34	Budroodin bin Abdula Coor.....	...	Abdul Rahiman Street and Pijari Lane.	127·84	.....	13,828 0 3	.....	13,828 0 3	*Plus*—Rs. 42-8-2 due to Fazandar.
35	Shaik Ahmed bin Shaik Hoosein.	21-23	Tank Street.....	8·25	10 0 0	82 8 0	.....	82 8 0	
36	Cooverji Cavasji Jusawala.....	...	Chowpati Road	38·10	5 0 0	190 8 0	212 8 0	403 0 0	
37	Haji Kasam Joosab and Haji Ebrahim Oosman, managers of Abdul Solem Musjid	63-65 75-81	Abdool Rahiman Street	22·68	75 0 0	3,392 4 0	250 0 0	3,642 4 0	
			Parel Road, Bhendi Bazar	4·08	25 0 0	102 0 0	.....	102 0 0	
38	Parvatibai, wife of Shiwashanker Raghoba.	67-69							
39	Namdeo Tookaram and Balaji Tookaram	174-176	Northbrook Street	9·37	4 0 0	37 7 8	.....	37 7 8	
40	Jivan Gopal and Dadoo Jagannath Mahadeo.	31	Bhoewada Road, Parel ...	14·38	1 0 0	14 6 0	.....	14 6 0	

41	Rajaram Hoosaji	60	Kamatipura 6th Street ...	1·68	5	0	0	8	6	4	.....	8	6	4
42	Mulji Bhawanidas Barbhaya.....	...	Bhuleshwar Street	143·78	.....			13,497	4	10	.....	13,497	4	10
43	Dady Maneckji Limji and the City of Bombay Manufacturing Co., Ld.	...	Chinchpokly Road	250·16	4	0	0	1,000	10	2	.....	1,000	10	2
44	Kassum Shivaji	58	Bhoewada Road, Parel ...	38·77	1	0	0	38	12	3	.....	38	12	3
45	The Peninsular & Oriental Steam Navigation Company.	...	Bakehouse Lane.....	10·11	20	0	0	202	3	2	750 0 0	952	3	2
46	Laxuman Rajanna	99	Kamatipura 9th Street ...	5·12	5	0	0	25	9	7	.....	25	9	7
47	Kassam Soomar and Ebrahim Soomar.	37	Chimna Butcher Street ...	2·44	6	0	0	14	10	2	.....	14	10	2
48	Nusserwanji Rustomji Daroowala.	39-41	Marine 3rd Lane	1·29	10	0	0	12	14	4	4 3 7	17	1	11
49	Ramdass Dossa, Bhimji Vulubdass, Kanji Jaitha and Gokuldas Mathuradas, executors of Moorarji Moolji.	79-80	Mody Street.....	16·59	25	0	0	414	12	0	303 13 0	718	9	0
50	Hafiz Esmail bin Hasam	20-24	Banian Street	22·80	15	0	0	342	0	0	.....	342	0	0
51	Aderji Edulji Nariman	14-18	Agiari Lane, Fort	6·63	15	0	0	99	7	2	.....	99	7	2
52	Bejonji Pallonji Palkhiwala.....	...	Dhobi Talao, 2nd Lane ...	28·75	15	0	0	431	4	0	.....	431	4	0
53	Shaik Emambux Hakim Patway.	...	Jail Road, North	3·67	7	0	0	25	11	0	32 5 0	58	0	0
54	Gangaram Wagoji Bhudungay...	80	Kamatipura, 3rd Street...	3·39	5	0	0	16	15	2	.....	16	15	2
55	Limji Maneckji Banaji, Nanabhoy Dhunjibhai Banaji, Furdoonji Merwanji Banaji, Sorabji Jahangirji Banaji and Dorabji Cawasji Davar, Trustees of Banaji Limji Fire Temple.	15-17	Nanabhai Lane, Fort	74·58	20	0	0	1,491	9	6	.....	1,491	9	6
56	Khatijabibi, widow of Mahomed Abdula and daughter of Ahmed Sab Musa.	598	Dongri and Samuel Street	2·05 1·67	20	0	0	74	6	4	.....	74	6	4
57	Rakmibai, widow, and Nanabhoy Bhowanishankar, surviving executors of Annandrao Bhowanishankar.	53	Mugbhat Lane	3·79	5	0	0	18	15	2	.....	18	15	2
58	Dawoodbhoy Ebrahim, Abdool Kader Ebrahim, Tyabji Ebrahim, and Sullabhoy Ebrahim, administrators to the estate of Ebrahim Abdool Kyoom.	66	Jairazbhoy Street	260·03	5	0	0	1,300	2	4	.....	1,300	2	4
59	Navibai, widow of Pitamber Girdhar,	11	Dongri Koli Cross Lane...	9·45	10	0	0	86	5	10	.....	86	5	10

Less—Rs. 8-2-2 due to Fazandar.

No.	Names.	No. of House.	Locality.	Area in Sq. Yards.	Rate per Sq. Yard.	Amount.	Compensation for plinth, foundations, walls, or trees if any.	Total.	Remarks.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
60	Jakisandas Gungadas	63-65	Sutar Chal Street	5·17	30 0 0	155 1 7	.....	155 1 7	
61	Mahomed Salim bin Najit Mahomed Bangee	173-175	Huzeria Street	3·47	7 0 0	24 4 7	.....	24 4 7	
62	Haji Ebrahim, Suleman Rahimtoola Esmaiel and Nurmahomed Esmaiel,	44	Tandel Street	8·44	10 0 0	79 6 10	.....	79 6 10	*Less*—Rs. 4-15-6 due to Fazandar.
63	Damji Magji	43-53	Chinch Bunder Road	11·78	20 0 0	235 9 7	.....	235 9 7	
64	Muljibhoy Jewraj	34-38	Kamatipura 6th Street	118·41	5 0 0	592 0 9	.....	592 0 9	
65	Aminabibi, widow of ShaikMahomed valad Surfordin Paugley,	80	Tandel Street	2·87	10 0 0	28 11 2	.....	28 11 2	
66	Pallanji Pestonji Raghee	14	Matarpakadi Road	7·97	5 0 0	34 13 11	.....	34 13 11	*Less*—Rs. 4-15-8 due to Fazandar.
67	Vanmalidass Jeewandas, Valubdas Jeewandas and Tribhowandas Jeewandas,	213-215	Kika Street	6·32	30 0 0	189 9 7	.....	189 9 7	
68	Ebrahim Haji Jukeria	66	Nagdevi Road	10·56	20 0 0	198 13 9	.....	198 13 9	*Less*—Rs. 12-5-5 due to Fazandar.
69	Kavasji Sorabji Battliwala	34 36	Gola Lane	7·44	15 0 0	111 9 7	.....	111 9 7	
70	Sayama Nursoo Todaloo	28 30	Kamatipura 15th Street	3·25	5 0 0	16 4 0	.....	16 4 0	
71	Peerojbai, widow, Manakji Kavasji Javeri and Nusserwanji Kavasji Javeri, executors of Kavasji Aderji Javeri,	91-101	Dhanji Dongria Street	6·19	15 0 0	86 15 9	.....	86 15 9	*Less*—Rs. 5-13-10 due to Fazandar.
72	Nanibai, wife of Wagji Kullianji,	...	Mody Street	4·47	25 0 0	111 12 0	.....	111 12 0	
73	Abdool Tyab Futtayali	27	Marine 4th Lane	2·60	10 0 0	21 9 7	.....	21 9 7	
74	Hurridas Lukhmidass	64-68	Northbrook Street	7·29	4 0 0	29 2 6	.....	29 2 6	
75	Abdul Tyab Futtayali	28-30	Bhajipala Street	2·74	10 0 0	25 8 10	.....	25 8 10	*Less*—Rs. 1-13-6 due to Fazandar.
76	Haji Oosman Haji Abdoola	223-227	Kika Street	3·41	30 0 0	102 4 9	.....	102 4 9	
77	Haji Ebrahim Fakir Mahomed	109-111	Narayen Dhuru Street	3·10	15 0 0	46 8 0	.....	46 8 0	
78	Haji Oosman Haji Abdoola	138	Pakmodia Street	7·31	25 0 0	182 12 0	.....	182 12 0	
79	Abdool Rusool Vaidalli	159-163	Mutton Street	20·45	12 0 0	245 6 4	.....	245 6 4	
80	Janardhan and Harichandra Trimbakji.	...	Sonapur Street	12·08	10 0 0	120 12 9	.....	120 12 9	
81	Vizbhukandas Judoobhoy	...	Kalbadevi Road	15·48	50 0 0	774 0 0	.....	774 0 0	
82	Harjiwan Sewlal	50	Kamatipura 4th Street	1·45	5 0 0	7 4 0	.....	7 4 0	
						61,804 10 5	5,944 15 9	67,749 10 2	

B.

STATEMENT SHEWING THE GROUND CLAIMED UNDER SECTION 163 OF THE MUNICIPAL ACTS, III. OF 1872 AND IV. OF 1878, TO BE TAKEN UP UNDER SANCTION OF THE TOWN COUNCIL DURING THE YEAR 1887-88.

No.	Locality.	No. of House.	Name.	Area in Sq. Yards.	Rate per Sq. Yard.	Amount.	Amount of Compensation for foundation, plinth, compound walls, trees, &c., if any.	TOTAL
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Kazi Syed Street	107 & 151	Dwarkadas Damodhur and Cursondass Natha	20·00	30 0 0	600 0 0	.....	600 0 0
2	Northbrook Street, Grant Road	155 & 161	Rajsi Rajia	2·75	4 0 0	11 0 0	.....	11 0 0
3	Pinjrapole Street	4	Gulam Hosein Jumal.....	3·44	7 0 0	24 1 3	.....	24 1 3
4	Kamatipura 3rd Street.....	80	Gungaram Wagji Bhudungay.....	3·39	5 0 0	16 15 2	.....	16 15 2
5	Parel Road (Lal Baug).....	...	Lahnebai, wife of Manek Sultan ...	8·00	2 0 0	16 0 0	.....	16 0 0
6	Kamatipura 8th Street ...	...	Dewji Lingoo and Rajoo Piraji	1·67	5 0 0	8 5 7	.....	8 5 7
7	Dadur Road.....	...	Abdul Hoosein Shaik Adam	33·33	1 0 0	33 5 3	.....	33 5 3
8	Bapu Khote Street	17 & 19	Purjaram Govindram	0·42	15 0 0	6 4 9	.....	6 4 9
9	Kalbadevi Road	81 & 87	Dadaji Atmaram	17·19	60 0 0	1,031 6 4	.....	1,031 6 4
10	Bhundari Street	39 & 45	Tulsidas Morarji.....	12·95	35 0 0	453 4 0	.....	453 4 0
11	Funuswadi 1st Lane	15 & 17	Narayen Sazba	10·33	10 0 0	103 4 9	.....	103 4 9
12	GirgamRoad (Dhobi Talao).	56 & 60	Haji Mohomed Haji Oosman Khundwaney	14·00	20 0 0	280 0 0	.....	280 0 0
13	Dongri Street	598	Khutizabai, widow of Mohomed Abdoola and daughter of Ahmed Sab Moosa, and Samsoodin bin Mohomed Abdulla Dhaklay Durgawala	2·05	20 0 0	41 0 0	.....	41 0 0
14	Samuel Street	598	Do, do,	1·67	20 0 0	33 6 4	.....	33 6 4

No.	Locality.	No. of House.	Name.	Area in Sq. Yards.	Rate per Sq. Yard.	Amount.	Amount of Compensation for foundation, plinth, compound walls, trees, &c., if any.	TOTAL.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
15	Parsiwada 1st Street.....	...	Chabildas Lulloobhoy	5·66	4 0 0	22 10 2	.....	22 10 2
16	Kamatipura 11th Street ...	45	Rajunna Babaji Gundave	2·92	5 0 0	14 9 7	.....	14 9 7
17	Girgaum Back Road.....	.....	Dwarkadass Damodhur and Curson-dass Natha, Trustees to the estate of Kessowji Jadowji	142·55	10 0 0	1,425 8 0	.....	1,425 8 0
				3·67	15 0 0	55 0 9	.....	55 0 9
18	Chunam Kiln Lane	18 & 22	Haji Esmail Sukoor	3·44	5 0 0	17 3 2	.....	17 3 2
19	Kamatipura 15th Street ...	33	Sewabai, widow of Sayana Erapa ...	14·39	10 0 0	143 14 4	.....	143 14 4
20	Cooper 2nd Street	82 & 86	Haji Hasam Haji Abdula.....	0·23	5 0 0	1 2 4	.....	1 2 4
21	Kamatipura 4th Street ...	5	Julloo Erapa Nawata	12·46	25 0 0	311 8 0	.....	311 8 0
22	Parel Road (Bhendi Bazar).	395	Hassonally Rahimanji	9·68	20 0 0	193 9 7	.....	193 9 7
23	Oomerkary Street	36 & 38	Noorjibhoy Rahim	36·94	4 0 0	147 12 1	.....	147 12 1
24	Trimbuk Pursharam Street.	21 & 57	Jumnabai, wife of Bhimji Lalji.....	9·12	4 0 0	36 7 8	.....	36 7 8
25	Pathan 2nd Street	21 & 57	Do. do.					
26	Junction of Kala Chowky, Sewri, Parel and Gorupdeo Roads.....	.....	Trustees of the Port of Bombay ...	1,601·00	3 0 0	4,803 0 0	.....	4,803 0 0
27	Khoja Street.....	.....	Hurji Lowji Maistry.....	1·89	6 0 0	11 5 5	.....	11 5 5
28	Mahim Bazar Road	.....	Madowdas Heeraji.....	6·42	0 12 0	4 13 0	.....	4 13 0
29	Northbrook Street.....	124 & 128	Bhuvanba Nana	9·14	4 0 0	37 12 1	.....	37 12 1
30	Chowpati Road	...	Ghelabhoy Haridas	62·22	8 0 0	497 12 1	.....	497 12 1
31	Chikulwadi Lane	...	Hormusji Shapurji	301·58	*...	.....	.....	.....
32	Forjett Street	34	Nusserwanji Maneckji Petit	26·50	2 0 0	53 0 0	.....	53 0 0
33	Husein Khan Khulifa St....	8 & 10	Bapu Husein and Esmail Hassum..	14·84	10 0 0	148 6 4	.....	148 6 4
34	Kamatipura 9th Street ...	125	Amirali Janali	1·66	5 0 0	8 4 9	.....	8 4 9
35	Do. 10th do. ...	54 & 56	Mulkoo Baloo	1·11	5 0 0	5 8 9	.....	5 8 9
36	Mahim Bazar Road	.....	Rutna Ramji	64·00	0 12 0	48 0 0	.....	48 0 0
37	DeSouza Street	57 & 61	Dharsi Hemraz	54·00	35 0 0	1,890 0 0	5,600 0 0	7,490 0 0
38	Chikulwady Road	.....	Shiwshunker Gopalji.....	636·31	2 0 0	1,272 9 11	.....	1,272 9 11
39	Mugbhat Street	49	Parvatibai, widow of Raghunath Balcrustna	13·06	5 0 0	65 4 9	.....	65 4 9
40	Parel Road (Lal Baug).....	79	Rahimtula Suleman	57·77	2 0 0	115 8 7	.....	115 8 7
41	Nagdevi Road.....	88	Ebrahim Chand	9·75	20 0 0	195 0 0	.....	195 0 0
42	Nishanpada Road	176 & 180	Kurimbhai Ebrahim	4·90	15 0 0	73 8 0	.....	73 8 0
43	Naron Dhuru Street	34 & 38	Haji Mohomed Haji Aba.....	14·81	15 0 0	222 2 4	.....	222 2 4

* Rate not sanctioned.

44	Kika Street	223 & 227	Haji Hassum Haji Abdula	3·41	30	0	0	102	4	9	.....	102	4	9
45	Naigam Road	7	Mithabai, widow of Dhurumsey Velji	43·05	0	8	0	21	8	4	.....	21	8	4
46	Chinchpokly Road	.....	B. M. Wadia & Co., Secretaries and Agents, Imperial Flour Mills Company, Limited	235·55	1	0	0	235	8	9	.....	235	8	9
47	Tandel Street	76 & 78	Shaik Ebrahim Shaik Abdula Patel.	2·50	10	0	0	25	0	0	.....	25	0	0
48	Pathan 2nd Street	9 & 11	Narayan Sukharam	3·23	4	0	0	13	5	1	.....	13	5	1
49	Pathan 2nd Street	62 & 66	Venayek Jotiram Vithoba	22·69	4	0	0	90	12	1	.....	90	12	1
50	Portuguese Church Street, Mahim	704 & 705	J. M. DeMonte, J. L. S. DeMonte and C. F. DeMonte	162·22	0	12	0	121	10	6	.....	121	10	6
51	Gorupdeo Road	.....	Tukaram Mataji Malee	77·96	2	0	0	155	14	8	.....	155	14	8
52	New Hunuman Lane	133	Khoja Megji Moorji	44·17	25	0	0	1,104	4	0	.....	1,104	4	0
53	Huzeria Street	90	Shaik Ebrahim bin Shaik Hussein Tulker	2·22	7	0	0	15	8	7	.....	15	8	7
54	Mazagon Road	21 & 23	Tar Mohomed Bawa	54·83	10	0	0	548	4	9	.....	548	4	9
55	Do.	25 & 27	Gunnee Sulleman	56·00	10	0	0	560	0	0	.....	560	0	0
56	Chikulwadi Road	161	Agents of the Jewraj Baloo Mills Company, Limited	132·00	2	0	0	264	0	0	.....	264	0	0
57	Northbrook Street	174 & 176	Namdeo Tookaram	9·37	4	0	0	37	7	8	.....	37	7	8
58	Kalbadevi Street	174 & 176	Vizbhoocundass Judoosbaw	15·48	50	0	0	774	0	0	.....	774	0	0
59	Sarang Street	141 & 151	Rahimtula Bhaijibhoy, Manager of Khoka Bazar Musjid	22·55	10	0	0	225	8	0	.....	225	8	0
60	Tantanpura Street	77 & 89	Fazulbhoy Ruttonsey	13·91	20	0	0	278	3	2	.....	278	3	2
61	Bazar Gate Street	81 & 83	Jiwanji Jamsetji Modi	11·94	30	0	0	358	3	2	.....	358	3	2
62	Do.	85 & 87	Ardeshir Bezonji	23·22	30	0	0	696	9	7	.....	696	9	7
63	Shaik Buden Comodin St.	88 & 92	Haji Hassam Haji Essa and Haji Abdul Sukoor Haji Essa	0·92	10	0	0	9	3	2	.....	9	3	2
64	Junction of Bhooleshwar & Pinjrapole Street	...	Mulji Bhawanidas Barbhoy	169·00	.....			16,000	0	0	.....	16,000	0	0
65	Kamatipura 8th Street	27	Monaji Nursoo	2·22	5	0	0	11	1	7	.....	11	1	7
66	Gorupdeo Road	.....	Luxuman Pandu	141·66	2	0	0	283	5	1	.....	283	5	1
67	New Hanuman Street	137	Thavur Munji	58·50	25	0	0	1,462	8	0	.....	1,462	8	0
68	Mody Street	123 & 125	Nanibai, wife of Wagji Cullianji	4·53	25	0	0	113	4	0	.....	113	4	0
69	Kamatipura 13th Street	108	Elsety Chettiba	2·63	5	0	0	13	2	4	.....	13	2	4
70	Shaik Budin Comodin St.	..	Ahmed Esmail	2·77	10	0	0	27	11	2	.....	27	11	2
71	Dhunji Street (Grant Rd.)	460	Kikabhoy Sumsoodin	22·54	8	0	0	180	5	1	146 5 7	326	10	8
72	Passage on the east of the Byculla Club, Belassis Rd.	.....	F. Rowland	330·44	1	0	0	330	7	0	.....	330	7	0
73	Manekji Street (Colaba)	.....	Manekji Nowroji	25·89	5	0	0	129	7	2	.....	129	7	2
74	Naron Dhuru Street	.....	Haji Rahimtula Sulleman	0·75	15	0	0	11	4	0	.....	11	4	0
75	Bibijan Street	.....	Do. do.	89·31	15	0	0	1,339	10	4	.....	1,339	10	4
76	Parel Village	.....	Moti Kurumsy	11·75	1	0	0	11	12	0	.....	11	12	0
77	Bread Street near Mody St.	.....	B. F. Wadia	6·51	15	0	0	97	10	4	.....	97	10	4
78	Parel Road (Lal Baug)	.....	Abdula Hussein	96·00	2	0	0	192	0	0	.....	192	0	0

No.	Locality.	No. of House	Name.	Area in Sq. Yards.	Rate per Sq. Yard.	Amount.	Amount of Compensation for foundation, plinth, compound walls, trees, &c., if any.	TOTAL.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs a. p.
		...	Mukoond Gopal	3·00	1 0 0	3 0 0	.....	3 0 0
79	Bheewadi Road, Parel	79	Abdul Amir bin Shaik Ebrahim Habib Saheb	0·54	10 0 0	5 6 4	.....	5 6 4
80	Sarang Street	...	Agents of the City of Bombay Manufacturing Company, Limited	250·16	4 0 0	1,000 10 2	.....	1,000 10 2
81	Chinchpokli Road	...	Chugonlal Gigabhoy	42·77	0 8 0	21 6 1	.....	21 6 1
82	Matoonga Road	413	Dhurmaji Shiviriaji	21·22	1 0 0	21 3 6	.....	21 3 6
83	Sewree Road	322 & 330	Lalji Curson	2·11	25 0 0	52 12 0	.....	52 12 0
84	Parel Road (Bhendi Bazar)	116	Syed Ebrahim bin Syed Mohomed and Shaik Mahomed Esub bin Shaik Abdul Rahiman	5·44	7 0 0	38 1 3	.....	38 1 3
85	Huzeria Street			16·00	25 0 0	400 0 0	.....	400 0 0
				15·31	30 0 0	459 4 9	.....	459 4 9
86	Agiari Street(Bhuleshwar)	114 & 116	Sukharam Bhasker	9·66	1 0 0	9 10 6	.....	9 10 6
87	Bora Bazar Street	271 & 275	Khutao Natha	1·31	5 0 0	6 8 9	.....	6 8 9
88	Dadur Road	.....	Rustomji Framji Dadi-Burjor	8·14	15 0 0	122 1 7	.....	122 1 7
89	Kamatipura 8th Street	57 & 59	Premji Rottonji Lohar	12·22	4 0 0	48 14 0	.....	48 14 0
90	Kavasjee Patel Street	71 & 73	Manekji Nowroji Mistry	9·38	12 0 0	112 8 11	.....	112 8 11
91	Khetwadi 12th Lane	3	Haji Haroon Haji Adam	8·72	30 0 0	261 9 7	.....	261 9 7
92	Mutton Street	93 & 95	Mohamedally Dawoodji	1·33	10 0 0	13 4 9	.....	13 4 9
93	Tamarind Lane	9 & 11	Cooverbai, widow of Dhunjibhoy Muncherji	6·06	25 0 0	151 8 0	.....	151 8 0
				32·16	10 0 0	321 9 7	.....	321 9 7
94	Dolker Street	9	Mrs. DeSouza	6·86	10 0 0	68 9 7	.....	68 9 7
95	Kambeker Street	35 & 41	Haji Abdula Haji Absatar	2·44	5 0 0	12 3 2	.....	12 3 2
96	Funnuswady Street	81 & 99	Purshotum Shricrustnaji	44·72	3 0 0	134 2 6	.....	134 2 6
97	Sarang Street	272 & 274	Haji Hasum Kurim	4·37	10 0 0	43 11 2	.....	43 11 2
98	Kamatipura 5th Street	.....	Tricumdass Purshotumdass	3·37	4 0 0	13 7 8	.....	13 7 8
99	Forjett Street	32	Adamji Peerbhoy	3·27	10 0 0	32 11 2	.....	32 11 2
100	Tandel Street	82	Abdul Kader Haji Abdulla	4·00	5 0 0	20 0 0	.....	20 0 0
101	Kumbharwada	72	Essoo Luxumon	146·66	2 0 0	293 5 1	.....	293 5 1
102	Doctor Street	69 & 71	Tyebji Sullemanji	43·33	4 0 0	173 5 1	.....	173 5 1
103	Kamatipura 3rd Street	84 & 90	Rajo Babaji	3·41	5 0 0	17 0 9	.....	17 0 9
104	Parel Road (Lal Baug)	.....	Huri Shridhur	1·00	5 0 0	5 0 0	.....	5 0 0
105	Khetwady 10th Lane	.....	Mrs. Angela	2·91	5 0 0	14 8 9	.....	14 8 9
106	Kamatipura 1st Street	47	Khaluk Buda	4·65	20 0 0	93 0 0	.....	93 0 0
107	Do. 8th do.	61	Premji Ruttonji Lohar					
108	Do. 12th do.	15	Shaikhanoo, daughter of Jumal Kutchra					
109	Nagdevi Road	148 & 152	Haji Mejoola Humidoola					

110	Gorupdeo Road	4	Lalji Spinning Mill	27·60	2	0	0	59	3	2	.....	59 3 2
111	Huzeria Street	55 & 57	Pestonji Dinshaw	1·14	7	0	0	7	15	8	.....	7 15 8
112	Coppersmith St., Mazagon	3 & 7	Moroba Bhaskerji	4·66	10	0	0	46	9	7	.....	46 9 7
113	Mutton Street	157	Abdul Gafoor and Haji Abdul Latiff	12·56	12	0	0	150	11	6	.....	150 11 6
114	Nepean Sea Road	70 & 72	Furdunji Merwanji Banaji	131·55	3	0	0	394	10	4	.....	394 10 4
115	Mahim Bazar Road	.....	Nowroji Nusserwanji Bode	2·22	0	12	0	1	10	7	.....	1 10 7
116	Chinch Bunder 1st Row	32 & 38	Haji Essa Haji Fuzla	37·05	30	0	0	1,111	8	0	.....	1,111 8 0
117	Jakeria Musjid Street	400 & 404	Allana Moosa	8·98	10	0	0	89	12	9	.....	89 12 9
118	Falkland Road	10 & 12	Kessowji Dhurumsey	1·04	8	0	0	8	5	1	.....	8 5 1
119	Samuel Street	33 & 35	Vittal Damaji	17·00	20	0	0	340	0	0	557 14 10	897 14 10
120	Chimna Butcher Street	89	Sulikhan Nabikhan	5·19	6	0	0	31	2	2	.....	31 2 2
121	Dadur Road	.....	Jeewanji Dossabhoy Shroff	14·22	1	0	0	14	3	6	.....	14 3 6
122	Sonapur Lane	.....	Temoolji Pestonji and Shapurji Ruttonji Sett	258·93	10	0	0	2,589	4	9	.....	2,589 4 9
123	Chandunwadi Street	.....	Do. do.	15·12	10	0	0	151	3	2	.....	151 3 2
124	Agiari Street (Fort)	.....	Aderji Edulji Nariman	1·23	15	0	0	18	7	2	.....	18 7 2
125	Lady Jamsetji Road	.....	Bhowani Shunker Balcrustna Dadurker	24·33	0	12	0	18	3	11	.....	18 3 11
126	Huzeria Street	179	Munshi Mohomed Alaoodin Khatuk	9·93	7	0	0	69	8	1	.....	69 8 1
127	Kandewadi Lane	18	Pudmanath Luxmonji	3·22	7	0	0	22	8	7	.....	22 8 7
128	Girgam Road (DhobiTalao)	.....	Dhunjibhoy Cowasji Oomrigur	9·44	20	0	0	188	12	9	.....	188 12 9
129	Dhobi Street	57 & 59	Tajbai, wife of Premji Virji	12·26	15	0	0	183	14	4	.....	183 14 4
130	Khoja Street	230 & 232	Noorbhoy Essaji	4·16	6	0	0	24	15	4	.....	24 15 4
131	Dongri Street	462 & 464	Mukbai, widow of Bhojraj Dewsey	6·43	30	0	0	192	14	4	.....	192 14 4
132	Passage on the east of Byculla Club	.....	Noor Mohomed Fakur Mohomed	91·00	1	0	0	91	0	0	.....	91 0 0
133	Kamatipura 11th Street	24 & 26	Elapa Poshetty	0·52	5	0	0	2	9	7	.....	2 9 7
134	Dhunji Street	8	Haji Oosman Haji Chotaney	48·43	3	0	0	145	4	7	.....	145 4 7
135	Doctor Street	227 & 231	Jeewaji Lukmanji	4·42	10	0	0	44	3	2	.....	44 3 2
136	Lohar Street	417 & 419	D. M. Soares	7·52	15	0	0	112	12	9	.....	112 12 9
137	Duncan Road	254 & 256	Rahimbhoy Gangji	15·15	10	0	0	151	8	0	.....	151 8 0
138	Thakordwar Road	142	Haji Budroodin Haji Allaoodin Jetayker	84·45	15	0	0	1,266	12	0	.....	1,266 12 0
139	Chunam Kiln Row	.....	Madhowdas Premji	0·72	15	0	0	10	12	9	.....	10 12 9
140	Dariasthan Street	24 & 26	Matoobai, widow of Cooverji Chapsey	29·00	35	0	0	1,015	0	0	.....	1,015 0 0
141	Soparibaug Road, Parel	.....	Oosman Ahmed Bakbai	53·33	2	0	0	106	10	6	.....	106 10 6
142	Duncan Road	68 & 70	Mahadoo Balaji	9·00	10	0	0	90	0	0	.....	90 0 0
143	Chukla Street	129 & 133	Essuballi Sumsoodin	0·83	20	0	0	16	9	7	.....	16 9 7
144	Worli Road	.....	Kassum Alliani	26·88	0	8	0	13	7	0	.....	13 7 0

No.	Locality.	No. of House.	Name.	Area in Sq. Yards.	Rate per Sq. Yard.	Amount.	Amount of Compensation for foundation, plinth, compound walls, trees, &c., if any.	TOTAL.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
			Govindji Ramji Golay.....	7·58	5 0 0	37 14 4	.....	37 14 4
145	Matarpakadi Road	117	Framji Edulji Sonawalla and others	87·91	10 0 0	879 1 7	.....	879 1 7
146	Colaba Road	104	Do. do.	6·66	10 0 0	66 9 7	303 8 1	370 1 8
147	Wodehouse Road.....	104						
148	Girgam Road (Thakurdwar)	.....	Shamrao Narayen Kothare	39·11	20 0 0	782 3 2	99 11 3	881 14 5
			Motichand Hurrukchand.....	2·57	20 0 0	51 6 4	.....	51 6 4
149	Chumpawadi Lane	53 & 55	Jaynaran Sitaram	44·34	15 0 0	665 1 7	.....	665 1 7
150	Pinjrapole 2nd Street	7	Balcrustna Bapuji	1·88	10 0 0	18 12 9	.....	18 12 9
151	Girgam Back Road.....	49 & 55	Amrodin bin Mohomed Hoosein ...	3·08	15 0 0	46 3 2	.....	46 3 2
152	Bapu Khote Street.....	42 & 44	Amichund Punalal	15·25	75 0 0	1,143 12 0	1,020 0 0	2,163 12 0
153	Shaik Memon Street	464 & 468	Shamrao Narayen	1·25	20 0 0	25 0 0	.....	25 0 0
154	Nagdevi Row	51 & 53	L. P. DeRosario	2·58	5 0 0	12 14 4	.....	12 14 4
155	Mount Road, Mazagon	.....	Rosa Louis, widow of A. F. Louis...	122·00	0 8 0	61 0 0	.....	61 0 0
156	Worli Road	.....	Purmanund Kanji	132·22	1 0 0	132 3 6	.....	132 3 6
157	Dadur Road	.....	Hemchund Premchund	10·88	20 0 0	217 9 7	.....	217 9 7
158	Mirza Street	25 & 29	Mahadeo Hury Chury	26·66	0 12 0	19 15 11	.....	19 15 11
159	Mahim Bazar Road.....	.....						
160	Proposed new road No. 12 at Agripada	... ..	Kaloo Abdulla and Mykoo Abdulla	15·00	3 0 0	45 0 0	.....	45 0 0
			Mohomedally Noorbhoy	18·47	75 0 0	1,385 4 0	804 0 0	2,189 4 0
161	Abdul Rahiman Street	203 & 205	Morlidhur Cursondass	5·87	25 0 0	146 12 0	.....	146 12 0
162	Parel Road (Bhendi Bazar).	389	Hurrichund Wishwanathjee..... ...	18·91	0 8 0	9 7 3	.....	9 7 3
163	Worli Road	.....	Pradhanbhoy Gangji	5·12	10 0 0	51 3 2	.....	51 3 2
164	Nisbanpada Cross Street ...	25 & 29						
165	Proposed road between Sankli Tank Road and the proposed Agripada new road No. 8	.....	Papabai, widow of Shaik Jugoo	50·00	3 0 0	150 0 0	.....	150 0 0
			Abdulbhoy Lalji.....	8·81	10 0 0	88 1 7	.....	88 1 7
166	Khaduk Road	10	Shetiba Enkuty	5·21	5 0 0	26 0 9	.....	26 0 9
167	Kamatipura 13th Street.....	105	Abdula Haji Meya Ahmed Khandwany	3·61	25 0 0	90 4 0	.....	90 4 0
168	Memonvada Street	264	Jewanjee Esmalji	1·88	5 0 0	9 6 4	.....	9 6 4
169	Bapty Road	.....	Moti Kurumsi	18·28	1 0 0	18 4 5	.....	18 4 5
170	Parel Village	.....						

171	Memonwada Street	339 & 342	Abdula Haji Meya Ahmed Khundwaney.....	5·27	25	0	0	131	12	0	.....		131	12	0
172	Bapty Road	109 & 113	Rowji Ruttonsey.....	3·1	5	0	0	15	8	0	.....		15	8	0
173	New Bengalpura Street ...	1 & 9	Haji Essa Haji Fuzla.....	15·75	10	0	0	157	8	0	.....		157	8	0
174	Old Nagpada Cross Street..	65	Oosman Gunney	1·37	10	0	0	13	11	2	.....		13	11	2
175	Charni Road	4 & 6	Manekji Edulji, Managing Trustee of the Aibless Baug	65·71	10	0	0	657	1	7	171	0 0	828	1	7
176	Parel Road (Bhendi Bazar).	538 & 542	Wagji Thakersi	19·09	25	0	0	477	4	0	.....		477	4	0
177	2nd Cooper Street	538 & 542	Do.	14·62	10	0	0	146	3	2	.....		146	3	2
178	Nishanpada Road	185 & 189	Kurumally Soorji	6·40	15	0	0	96	0	0	... ..		96	0	0
179	Mahim Custom Road	... ..	Hurrivalabdas Balgovindas.....	13·87	1	0	0	13	13	11	.....		13	13	11
180	Khetwadi 9th Lane.....	74	Peeroshaw Pestonji Nalasett	23·73	4	0	0	94	14	8	... ..		94	14	8
181	Nowroji Street, Colaba	13 & 17	Framji Sorabji	2·00	5	0	0	10	0	0	.....		10	0	0
182	Sarang Street	228 & 230	Khoja Hassumbhoy Nensi	10·82	10	0	0	108	3	2	.....		108	3	2
183	Northbrook Street	39 & 41	Budroodin Moola Tyebji	7·97	4	0	0	31	14	0	.....		31	14	0
184	Jail Road, North.....	70	Lowji Koorji	7·63	7	0	0	53	6	6	.....		53	6	6
185	Mustan Tank Road	107	Haji Vaidina Haji Ebrahim.....	24·72	7	0	0	173	0	7	.....		173	0	7
186	Kamatipura 6th Street	5 & 7	Assabai Naikin	2·37	5	0	0	11	13	7	.....		11	13	7
187	Do. 7th do.	73	Toolsibai, widow of Syenna Mahadoo.....	0·54	5	0	0	2	11	2	.....		2	11	2
188	Do. 9th do.	3	Pestonji Merwanji Bharucha	3·36	5	0	0	16	12	9	.....		16	12	9
189	Warli Road (Koliwada)	9	D. Mendonca	31·67	0	8	0	277	5	9	.....		277	5	9
190	Jakeria Musjid Street	400	Ameroodin bin Budroodin	3·11	10	0	0	31	1	7	.....		31	1	7
191	Mazagon Road.....	.....	Abdula Haji Meya Ahmed Khundwaney.....	29·59	10	0	0	295	14	4	.....		295	14	4
192	Mahim Bazar Cross Road ...	84 & 89	Kasinath Pandurang.....	9·33	0	12	0	6	15	11	.....		6	15	11
193	Junction of Memonwada Street and Nagdevi Cross Road	102 & 106	Shamji Meghji	43·66	30	0	0	1,309	12	9	1,055	0 0	2,364	12	9
194	Jail Road, East	22	Mohomedbhoy Pudomsey.....	17·77	12	0	0	213	3	10	.....		213	3	10
195	Kamatipura 16th Street.....	20	Mooljibhoy Jewraj.....	9·87	5	0	0	49	5	7	.....		49	5	7
196	Girgam Road	10	Junardhun Gopal	8·19	15	0	0	122	13	7	.....		122	13	7
197	Champawady Street	49 & 51	Nazurally Hasanali Tambuwala.....	3·25	20	0	0	65	0	0	.....		65	0	0
198	Mahim Bazar Road	.....	Noor Mohomed Pemji	28·38	0	12	0	21	4	6	.....		21	4	6
199	Nagdevi Road	469 & 471	Haji Vaidina Kassum	15·01	20	0	0	300	3	2	.....		300	3	2
200	Khetwadi 7th Lane	35 & 39	Essa Alli Khutri.....	2·37	4	0	0	9	7	8	.....		9	7	8
201	Dhabu Street	216 & 218	Daniel bin Dabya Tooria	13·29	7	0	0	93	0	5	.....		93	0	5
202	Girgaum Back Road	170 & 172	Bhowani Shunker Balcrustna Dadurker	4·03	10	0	0	40	4	9	.....		40	4	9
203	Funuswady Lane	12 & 16	Nurotumdass Kuberdas.....	13·88	10	0	0	138	12	9	.....		138	12	9
204	Bapty Road	101 & 103	Liladhur Shamji	4·44	5	0	0	22	3	2	.....		22	3	2
205	Doctor Street	143 & 147	Mohamedali Jafferji	1·52	10	0	0	15	3	2	.....		15	3	2

No.	Locality.	No. of House.	Name.	Area in Sq. Yards.	Rate per Sq. Yard.	Amount.	Amount of Compensation for foundation, plinth, compound walls, trees, &c., if any.	TOTAL.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
206	Doctor Street	140	Noorbhoy Ebrahimji	2·24	10 0 0	22 6 4	.....	22 6 4
207	Khetwadi 4th Lane	.....	Nowroji Menekji Damkewalla	1·79	4 0 0	7 2 6	.....	7 2 6
208	Nagdevi Road	48	Shaik Buluoji Alunji, Manager of Musjid	1·10	20 0 0	22 0 0	.....	22 0 0
209	Marine 1st Lane	8 & 10	Cowasji Nusserwanji Bilia	70·67	10 0 0	706 11 2	.....	706 11 2
210	Tardeo Road	119 & 121	Ruttonji D. Lowji Wadia	89·66	4 0 0	358 10 2	.....	358 10 2
211	Kalbadevi Road	582	Oodhowji Kurrumchund	14·82	50 0 0	741 0 0	.....	741 0 0
212	Bapu Khote Street	582	Do.	5·03	15 0 0	75 7 2	.....	75 7 2
213	Musjid Bunder Road	142 & 144	Dongarsi Gangji	14·97	75 0 0	1,122 12 0	.....	1,122 12 0
214	Dammer Lane	1	Moreshwar Hurrychand	23·25	1 8 0	34 14 0	.....	34 14 0
215	Nesbit Road	.....	Kassumbhoy Moosa, for H. H. Aga Khan	24·02	4 0 0	96 1 3	.....	96 1 3
216	Hoosein Khan Khulifa Street	60	Goolam Ahmed Hoossein	11·25	10 0 0	112 8 0	.....	112 8 0
217	Kamatipura 3rd Street	108	Nursoo Bhicaji	0·81	5 0 0	4 0 9	.....	4 0 9
218	Curry Road	.. ...	Manekchund Nagsey	117·33	1 0 0	117 5 3	.....	117 5 3
219	Bazar Gate Street	46 & 52	Nusserwanji Dinshaw	2·58	30 0 0	77 6 4	.....	77 6 4
220	Bhoewada Road, Parel	.....	Jeewan Gopal Kiny	18·05	1 0 0	18 0 9	.....	18 0 9
221	Abdul Rahiman Street	197 & 201	Khusal Pitamber	34·00	75 0 0	2,550 0 0	.....	2,550 0 0
222	Pakmodia Street	.....	Mohomedally and Tyebally Jiwanji	13·72	25 0 0	343 0 0	.....	343 0 0
223	Sheik Buden Cumodin St.	.....	Abdul Rahimon bin Shaik Mohomed Sanday	7·50	10 0 0	75 0 0	.....	75 0 0
224	Girgam Road	789	Haji Mohomed Hoosein	38·13	15 0 0	571 15 2	.....	571 15 2
225	Agripada	.....	Oosman Ahmed Bakhai	182·49	5 0 0	912 7 2	.....	912 7 2
			Total...Rs.			72,395 1 3	9,757 7 9	82,152 9 0

C 1.—A Ward.

STATEMENT shewing Ground taken up and actually added to Streets in Ward **A** from 1st April 1887 to 31st March 1888.

No.	Names of Owners.	Locality.	Square Yards.	Rate.	Amount.	Remarks.
				Rs. a. p.	Rs. a. p.	
1	Executive Engineer, Presidency	Apollo Street	66·59	...	.....	*Vide* Government Resolution (P. W. D.) No. C. W.—758 1944, dated 29th December 1885.
2	Morarjee Mooljee	Mody Street	16·59	25 0 0	414 12 0	
3	Hurry Bhimjee	Bora Bazar Street, No. 259	2·81	30 0 0	86 1 7	
4	Hormusjee Pallonjee Battliwalla	Kavasjee Patel Street, No. 75/79	19·40	15 0 0	291 0 0	
5	Adurjee Eduljee M.	Agiary Street, No. 14/16	6·63	15 0 0	99 7 2	
6	P. & O. S. Navigation Company	Bake House Street	10·11	20 0 0	202 3 2	
7	Nanabhoy Dhunjeebhoy Banajee, Trustee to Banajee Limjee Fire Temple	Nanabhoy Lane, No. 15/17	74·58	20 0 0	1,491 9 7	
8	Cooverbai, widow of Mancherjee Dhunjeebhai Dubash	Dean and Tamarind Streets	16·40	30 0 0	492 0 0	
9	Cavasjee Sorabjee Battlivalla	Gola Lane, No. 34/36	7·44	15 0 0	111 9 7	
10	Harridass Cooverjee	Bora Bazar Street, No. 253/287	2·37	30 0 0	71 1 7	
11	Manibai, wife of Valji "Callanjee"	Moody Street, No. 123/125	4·53	25 0 0	113 4 0	
		Total...	227·45	...	3,373 0 8	

C 2.—B Ward.

STATEMENT shewing Ground taken up and actually added to Streets in Ward **B** from 1st April 1887 to 31st March 1888.

No.	Names of Owners.	Locality.	Square Yards.	Rate.	Amount.	Remarks.
				Rs. a. p.	Rs. a. p.	
1	Jayrazbhoy Peerbhoy	Tandel Street, Nos. 10, 17, 103, and 93/97	13·62	10 0 0	136 3 2	
2	Ameenabi, widow of Mahomed Meeya	Tandel Street, No. 80	2·87	10 0 0	28 11 2	
3	Baba Saheb Goolam Hoosein	Kazi Syed Street, No. 157/159	7·69	30 0 0	230 11 2	
4	Hyderally Cassamjee	Junc. of Sarang and Janjikar Streets, No. 113/119	3·77	10 0 0	37 11 2	
5	Shaik Esmal bin Shaik Hakim	Jail Road, North	3·67	7 0 0	25 11 0	
6	Ratanjee Hirajee	Umerkhadi Road, No. 70/72	4·52	5 0 0	22 9 7	
7	Haji Ebrahim Jahn Mahomed	Narayen Dhuru Street, No. 105/107.	2·91	15 0 0	43 10 4	
8	Ebrahim Chand	Nagdevi Road, No. 88	9·75	20 0 0	195 0 0	
9	Mahomedbhoy Jaitha	Carnac Road, No. 230/240	1·75	25 0 0	43 12 0	
10	Narsi Khatao	Dongri Street, No. 136/148	36·68	45 0 0	1,650 9 7	
11	Mooljee Purshotum	Bhundari Street, No. 23/25	10·43	10 0 0	104 4 9	
12	Khatiza Bibee, widow of Mahomed Abdul, and Samsoodin bin Mahmod Abdula	Dongri Street, No. 598	2·05	20 0 0	41 0 0	
		Samuel Street	1·67	20 0 0	33 6 4	
13	Damjee Megjee	Chinch Bunder Road, No. 43/53	11·78	20 0 0	235 9 7	
14	Karimbhoy Ebrahim	Nishanpada Road, No. 176/180	4·60	15 0 0	69 0 0	
15	Kessewjee Poonja	New Bengalpura and Kambekar Streets, No. 279/287	41·44	10 0 0	414 6 4	
16	Toolsidas Morarjee	Bhandari Street, No. 39/45	12·95	35 0 0	453 4 0	
17	Hajee Mahomed Kaji Aba	Nakhoda and Naran Dhuru Streets, No. 55/59	10·88	15 0 0	163 3 2	
18	Shaik Ebrahim Abdula Patel	Tandel Street, No. 76/78	2·50	10 0 0	25 0 0	
19	Abdul Kadar Hajee Abdula	Do. do. 82	4·37 / 2·50	10 0 0	68 11 2	
20	Fazalbhoy Ratansi	Tantanpura Street, No. 77/89	13·91	20 0 0	278 3 2	
21	Maikbai, widow of Dewsi	Dongri Street, No. 462/464	8·44	30 0 0	253 3 2	
22	Abdul Ameer Shaik Ebrahim	Sarang Street, No. 79	0·43	10 0 0	4 4 9	
		Total...Rs.	215·18		4,558 1 7	

C 3.—C Ward.

STATEMENT shewing Ground taken up and actually added to Streets in Ward **C**, from 1st April 1887 to 31st March 1888.

No.	Names of Owners.	Localities.	Square Yards.	Rate.	Amount.	Remarks.
				Rs. a. p.	Rs. a. p.	
1	Gungadass Vizbookundass	Sutar Chall, No. 63/65	5·17	30 0 0	155 1 7	
2	Mahadorao Bhaskerji	Portuguese Church, new Cathedral Street	22·97	20 0 0	459 6 4	
3	Anundrao Balvant	Kavasjee Patel Tank Road, No. 29.	3·25	12 0 0	39 0 0	
4	Nusserwanjee Rustomjee	3rd Marine Street, No. 143	1·29	10 0 0	12 14 4	
5	Haji Mahomed Ebrahim	Gogari Mohla, No. 123/127	3·82	15 0 0	57 4 9	
6	Nansi Luckmidass	Kalbadevi Street, No. 61	20·92	60 0 0	1,255 3 2	
7	Esmalji Hussein Munsoob	Banian Street, No. 20/24	22·80	15 0 0	342 0 0	
8	Goverdhundass Bhaidas	Bhuleshwar Street, No. 237/239	19·66	30 0 0	589 12 9	
9	Abdulali Abadeen	Chimna Butcher Street, No. 208	4·51	6 0 0	27 0 11	
10	Mahomed Alli Abadeen	Grant Road and Chimna Butcher Street, No.	3·26	6 0 0	19 8 11	
11	Kaji Haji Mahomed Tongay	Chimna Butcher Street, No. 101	2·62	6 0 0	15 11 6	
12	Karimbhoy Alibhoy	Nakoda Street, Nos. 1 to 15	24·57	50 0 0	1,228 8 0	
13	Dadaji Atmaram	Kalbadevi Street, No. 81/87	17·19	60 0 0	1,031 6 4	
14	Vizbookundass Jadosha	Kalbadevi Street, No. 174/176	15·48	50 0 0	774 0 0	
15	Committee of Bombay Fire Temple	Trinity Street	38·28	15 0 0	574 3 2	
16	Shekh Lall Shekh Emam	Eslampura Street, No. 60/62	4·16	4 0 0	16 10 2	
17	Haridass Lakhmidass	Northbrook Street, No. 64/65	7·29	4 0 0	29 2 6	
18	Haji Bulchoo Varya and Moosa Karim	Do. do. do. 175/153	4·44	4 0 0	17 12 1	
19	Abdui Russool	Mutton Street, No. 159/163	20·45	12 0 0	245 6 4	

C 3.—C Ward—*continued.*

No.	Names of Owners.	Locality.	Square Yards.	Rate.			Amount.			Remarks.
				Rs.	a.	p.	Rs.	a.	p.	
20	Calidass Jatha	Cathedral Street	58·80	25	0	0	1,470	0	0	
21	Adamjee Peerbhai	Lohar Street, No. 360	17·51	15	0	0	262	10	4	
22	Jamnadass Maneckchund	Kika Street, No. 213/215	6·88	30	0	0	206	6	4	
23	Narayan Sakaram	Pathan Street, No. 9/11	3·33	4	0	0	13	5	1	
24	Bezonji Pallonji Palkhivalla	2nd Dhobi Talao Lane, No. 23	24·41	15	0	0	366	2	4	
25	Venkyack Jotheram Vithoba	2nd Pathan Street, No. 62/66	21·64	4	0	0	86	8	11	
26	Hajee Hasson Hajee Abdulla	Kika Street, No. 225/223	3·41	30	0	0	102	4	9	
27	Motichand Hurruckchand	Champawadi, No. 85/95	24·55	20	0	0	491	0	0	
28	Cursetjee Dadabhai Bhawnagree	Lohar Street, No. 361	15·97	15	0	0	239	8	9	
29	Rajsee Raja Kumbar	Northbrook Street, No. 155/161	2·75	4	0	0	11	0	0	
30	Vandravandass Purshotumdass	1st Pinjrapole Street	11·26	27	0	0	78	13	1	
31	Narandas Purshotumdass	Agiari Street, No. 36/40	6·84	25	0	0	171	0	0	
32	Massum Sahab bin Choti Sahib	Doctor Street, No. 237	1·64	10	0	0	16	6	4	
33	Hajee Hasson Hajee Abdoola	Packmodia Street, No. 138	7·31	25	0	0	182	12	0	
			458·95				10,587	14	9	

C 4.—D Ward.

STATEMENT shewing Ground taken up and actually added to Streets in Ward **D** from 1st April 1887 to 31st March 1888.

No.	Names of Owners.	Locality.	Square Yards.	Rate.	Amount.	Remarks.
				Rs. a. p.	Rs. a. p.	
1	Oomurbai, widow of Dhondiraj Vinayek Bevalkar	Mugbhat Street, No. 7	1·50	5 0 0	7 8 0	
2	Pandurung Ragoba	Kandawadi Street, 659/665	3·75	15 0 0	56 4 0	
3	Goolbai, widow of Dr. Manekji Edulji	Girgam Back Road, No. 194	5·49	10 0 0	54 14 4	
4	Mahamudbhai Mitha	Khetwadi 2nd Lane, No. 24/26	6·42	4 0 0	24 14 0	
5	Cooverji Cawasji Jasawala	Chowpatti Road	38·10	5 0 0	190 8 0	
6	Jamaspji Ruttonji Bhathena	Khetwadi Main Road, No. 24 and	18·02	6 0 0	108 1 11	
		Khetwadi 3rd Lane.	2·59	4 0 0	10 5 9	
7	Jairam Hurry	Walkeshwar Road, No. 423	48·58	3 0 0	145 11 10	
8	Parvatibai, widow of Rugnath Balkrishna	Mugbhat Street, No. 49	13·06	5 0 0	65 4 9	
9	Jamaspji Ruttonji	Chikhulwadi	728·29	2 0 0	1,456 9 3	
10	Haji Abastor Haji Oomur	Walkeshwar Road	201·86	3 0 0	1,456 9 3	
11	Goculdass Mahowji	Gamdevi Road, No. 54	73·08	5 0 0	365 6 4	
12	Tapidas Vurujdas	Tardeo Road	378·00	...	.....	
13	Madhowdas Premji	Mugbhat Street, No. 35	11·68	5 0 0	58 6 4	
		Total...Rs.	1,530·23		4,000 7 9	

C 5.—E Ward.

STATEMENT showing Ground taken up and actually added to Streets in Ward E from 1st April 1887 to 31st March 1888.

No.	Names of Owners.	Locality.	Square Yards.	Rate.	Amount.	Remarks.
				Rs. a. p.	Rs. a. p.	
1	C. Abreo	Matarpakadi Road, No. 118	16·25	5 0 0	81 4 0	
2	Abdool Saheb Futtcally	Do. do.	5·96	5 0 0	29 12 9	
3	Saik Ahmad bin Shaik Hoosein	Tank Street, Nos. 21 & 23	8·25	10 0 0	82 8 0	
4	Shaik Abdool bin Shaik Mamud	Kamatipura Bazar Road, Nos. 209 to 211	5·99	5 0 0	29 15 2	
5	Motiram Dayaram	Gorupdeo Road, No. 4	9·05	1 6 0	12 7 1	
6	Abdool Jeewa	Do. do.	217·00	1 6 0	298 6 0	
7	P. M. Amboosta	Dolker Street, No. 41	20·50	...	.....	Rate not settled.
8	Ebrahim Abdul Currim	Jairajbhai Street, No. 66	260·03	5 0 0	1,300 2 4	
9	Sewco Sayana	12th Kamatipura Street, No. 45	3·60	5 0 0	18 0 0	
10	Eukutty Ellapa	9th Do. do. 8	1·18	5 0 0	5 14 4	
11	Esufally Hubiboola	Bapty Road, No. 132/136	3·00	5 0 0	15 0 0	
12	Anchapa Assona	15th Kamatipura Street	3·61	5 0 0	18 0 9	
13	Ardashir Pestonji Raghee	Matarpakadi Road, No. 2	7·97	5 0 0	39 13 7	
14	Balla Pandurang	Mustan Tank, No. 5	8·53	7 0 0	59 11 4	
15	Allibhai Baboolji	Kamatipura 12th Street, No. 32	4·67	5 0 0	23 5 7	
16	Sayana Luxmon	Do. 9th do. 7	0·66	5 0 0	3 4 9	
17	Gangaram Vaghaoji Bhunduji	Do. 3rd do. 8	3·39	5 0 0	16 15 2	
18	Shaik Ebrahim bin Shaik Husen	Huzaria Street, No. 90	2·22	7 0 0	15 8 7	
19	Casum Haji Abdool Reman	Kamatipura 2nd Street, No. 103/107	1·25	5 0 0	6 4 0	
20	Ameerally Janally	Do 8th do. 79	57·77	5 0 0	288 13 7	
21	Rahimtoola Sulaman or present owner Hakim Mahamad Bakar	Parel Road, No. 79	57·77	2 0 0	115 8 7	
		Chinchpokli Road	250·16	4 0 0	1,000 10 2	
22	Bombay Manufacturing Company	Parel Road, Nos. 404 to 406	19·44	2 0 0	38 14 0	
23	Lilladhur Calli ndass	Matarpakadi Road	13·92	5 0 0	69 9 7	
24	Govind Ramji Goley	Varsava Street or Kamatipura 16th Street	9·87	5 0 0	49 5 7	
25	Moolji Jeewraj					
		Total...Rs.	992·04		3,619 2 11	

C 6.—F Ward.

STATEMENT shewing Ground taken up and actually added to Streets in Ward F from 1st April 1887 to 31st March 1888.

No.	Names of Owners.	Locality.	Square Yards.	Rate.	Amount.	Remarks.
				Rs. a. p.	Rs. a. p.	
1	Bhikaji Govindas	Matunga Road	5·77	0 8 0	2 14 1	
2	Sorabji Dossabhoy Framroj	Dadur Road	189·83	1 0 0	189 13 3	
3	Arab Ally bin Hoosen	Do.	47·86	1 0 0	47 13 9	
4	Bastio Mingrel Perel	Khari Matunga	15·33	8 0 0	122 10 2	
		Total...Rs.	258·79		363 3 3	

C 7—G Ward.

STATEMENT shewing Ground taken up and actually added to Streets in Ward G from 1st April 1887 to 31st March 1888.

No.	Names of Owners.	Locality.	Square Yards.	Rate.	Amount.	Remarks.
				Rs. a. p.	Rs. a. p.	
1	D. F. Murzillo	Mahim Bazar Road	26·83	0 12 0	20 1 11	
2	Messrs. J. M. Demont, J. L. S. Demont and C. F. Demont	Mahim P. C. Street	88·34	0 12 0	66 4 0	
3	Hurrichund Vishnath	Warli Road	0·53	0 8 0	0 4 2	
4	Mahadhawrao Hiraji	Mahim Bazar Road	6·42	0 12 0	4 13 0	
5	Waman Luximon	Warli Road	3·58	0 8 0	1 12 7	
6	Bai Radhabai, widow of Bhaskar Narayen	Do.	221·94	1 8 0	332 14 6	
		Total...Rs.	347·64		456 2 2	

12.—The following statement shews the pieces of ground belonging to the Corporation sold during the year 1887-88.

No.	Name of Purchaser.	Locality.	Area.	Rate per yard.	When sanctioned by the Town Council or Corporation.
				Rs. a. p.	
1	Mr. Hassam Ahmed *alias* Dada.	49, Duncan Road	8·89 square yards...	10 0 0	Town Council's Resolution No. 685, dated 29th June 1887.
2	Revd. G. W. Clutterbuck..	Municipal land and tank lying to the south of the Victoria Gardens, Parel Road.	573 square yards reclaimed ground.	7 0 0	Municipal Corporation Resolution No.979, dated 11th August 1887.
3	Do. ...	Do.	1,693 square yards unreclaimed ground.	3 0 0	Do. do.
4	Mr. Adumji Peerbhai	Trinity Chapel Street.	9 square yards ...	15 0 0	Town Council's Resolution No. 960, dated 10th August 1887.
5	Messrs. Sassoon J. David & Company.	Piece of Municipal ground lying on the Carrol Road between Revenue Survey No. 2650 on the one side, and No. 2651 and a portion of 2652 on the other.	1,020 do. ...	.....	Municipal Corporation Resolution No. 778, dated 11th August 1887, in lieu of a plot of ground of equal area opening on to Carrol Road.
6	Government of Bombay..	East side of Marine Street.	252⅔ do. ...	.....	Municipal Corporation Resolution No. 1183 of 15th September 1887. Exchange for another piece of ground, admeasuring 289⅓ square yards.

No.	Name of Purchaser.	Locality.	Area.	Rate per yard.	When sanctioned by the Town Council or Corporation.
				Rs. a. p.	
7	Mr. Shaik Buden Allandji.	Nagdevi Road	1·50 square yards ...	20 0 0	Town Council's Resolution No. 1569, dated 16th November 1887.
8	Mr. Jeewanji Noorbhai ...	No. 57/61 Muhamed Syed Mookby St.	2·83 do. ...	15 0 0	Town Council's Resolution No. 1684, dated 30th November 1887.
9	Mr. Lallji Curson.....	No. 329-330, Parel Road, Bhendy Bazar.	0·33 do. ...	25 0 0	Town Council's Resolution No. 1751, dated 7th December 1887.
10	Rev. G. W. Clutterbuck...	Municipal land lying to the south-west of and forming part of the Victoria Gardens, Parel.	19·58 square yards of reclaimed land.	7 0 0	Municipal Corporation Resolution No. 1857, dated 19th December 1887.
11	Do. ...	Do. ...	290·28 square yards of unreclaimed land.	3 0 0	Municipal Corporation Resolution No. 1857, dated 17th December 1887.
12	Mr. Essufally Sumsoodin..	No. 129/133, Chukla Street.	56 square yards...	20 0 0	Town Council's Resolution No. 2347, dated 22nd February 1888.
13	Mr. Nasherwanji Dinshaw.	No. 46/52, Bazar Gate Street.	1·83 do. ...	30 0 0	Town Council's Resolution No. 2524, dated 14th March 1888.

No.	Plot No.	Name of Purchaser.	Locality.	Area Sq. Yds.	Amount.	When sanctioned by the Town Council.
					Rs. a. p.	
14	1	Mahamed Rowji	Ripon Road ...	553	12 700 0 0	
15	2	Dadabbai Nus ervanji.....	Do. ...	1,369	7,700 0 0	
16	3	Narandas Culliandas.....	Do. ...	1,227	6,850 0 0	
17	4	Do.	Do. ...	916	5,300 0 0	
18	5	Moolji Jewraj	Do. ...	667·35	4,900 0 0	
19	6	Valibhai Musaji, Cidarbhai Moola Jiwaj, Hakim Adumji and Adumji Hakimji.	Do. ...	5,445	37,300 0 0	Sanctioned by the Town Council, under their Resolution No. 76, dated 14th April 1887.
20	7			593	5,300 0 0	
21	8	Haji Junas and Tar Mamad-Junas	Do. ...	694	6,000 0 0	
22	9	Bibun Mia Farid and Fatmabibi, daughter of Mahamed amin Rogay	Do. ...	2,282	16 100 0 0	
23	10	Rustumji Bhikji Kurrunji and Jamsheji Burjorji Jusi	Do. ...	405	2,850 0 0	
24	11			406	2,850 0 0	
25	12	Haji Oman Haji Chotani.....	Do. ...	542	7 000 0 0	
26	13	Bomanji Ruttonji Libcovala...	Do. ...	156	2 100 0 0	
27	14	Erahim Abdool Rahaman.....	Do. ...	233	3,200 0 0	
28	15	Bojmji Gudhur	Do. ...	189	1 700 0 0	
29	16	Alibin Abdul Reman bin Ameer	Do. ...	261	2 500 0 0	
30	17	Amersy Cutchra	Do. ...	219	2 000 0 0	
31	18	Ebrahim Chandbhai.....	Do. ...	269	2,000 0 0	
32	19	Panjiwandas Dulubdas	Do. ...	191	2,500 0 0	
33	20	Faze Jan Mahamud	Do. ...	331·67	3,400 0 0	
34	20A	Sorabji Framji Kavarana	Do. ...	426½	4 000 0 0	
		Shaik Tamizdin valad Javetdin	Do. ...	92	2,800 0 0	
			Carried forward ...	17,467·52	1,41,050 0 0	

No.	Plot No.	Name of Purchaser.	Locality.	Area Sq. Yds.	Amount.	When sanctioned by the Town Council.
					Rs. a. p.	
			Brought forward...	17,467·52	1,41,050 0 0	
35	21	Bhimji Girdhur.....	Ripon Road ...	790	4,500 0 0	
36	22	Rasy Roga and Alibhai Bhaijibhai.....	Do. ...	791	4,300 0 0	
37	23	Esmailbhai Joomabhai	Do. ...	903	4.700 0 0	
38	24	Shaik Tamizdin valad Javetdin.	Do. ...	270	4,200 0 0	
39	25	Ebram Peer Mamud and Golam Husein Alana, Jaffer Peerbhai and Sally Mamud Noormamud	Do. ...	478⅞	1 650 0 0	
40	26	Haji Esmal Haji Sukoo	Do. ...	410	3,550 0 0	
41	27	Ebram Peer Mamud and Golam Husein Aalna, Jaffer Peerbhai and Sally Mamud Noormamud	Do. ...	339⅛	4,950 0 0	Sanctioned by the Town Council, under their Resolution No. 76, dated 14th April 1887.
42	28	Dyal Mowji and Mamudali Obedin	Do. ...	250	2 700 0 0	
43	29	Khoja Soobhai Pirabhai	Do. ...	171	2,100 0 0	
44	31	Haji Abdoola bin Baboo	Do. ...	226	2 250 0 0	
45	32	Khatri Esmail Aboo.....	Do. ...	218	1,650 0 0	
46	33	Kesowji Cullianji.....	Do. ...	219	1,600 0 0	
47	34	Adum Molidina	Do. ...	484	3,000 0 0	
48	35		Do. ...	242	1.550 0 0	
49	36	Kesowji Cullianji	Do. ...	242	1,500 0 0	
50	35	Adum Molidina.....	Do. ...	245	1,700 0 0	
51	37	Hoosen Alli Soolamanji	Do. ...	250	2,750 0 0	
52	38	Khoja Alarakia Rahimtoola ...				
			Carried forward...	23996·73	1,89,700 0 0	

No.	Plot No.	Name of Purchaser.	Locality.	Area.	Amount,	When sanctioned by the Town Council.
				Sq. yds	Rs. a. p.	
			Brought forward...	23096·73.	1,89,700 0 0	
53	39	Mahamudali Moola Valji	Ripon Road ...	236	2 500 0 0	Sanctioned by the Town Council, under their Resolution No. 76, dated 14th April 1887.
54	40	Khoja Alarakhia Rahimtoola...	Do. ...	232	2,350 0 0	
55	41	Do.	Do. ...	148·69	1,850 0 0	
56	42	Do.	Do. ...	86		
57	43	Kursundas Jewraj	Do. ...	99	1,000 0 0	
58	44	Noor Mamud Haji Soomar.....	Do. ...	208·54	3,200 0 0	
59	45	Monji Jewraj and Megaji Jewraj	Do. ...	336	3,600 0 0	
60	46	Jayabhai Visram	Do. ...	341	2.800 0 0	
61	47	Mahamudbhai Ebram	Do. ...	296	2,350 0 0	
62	48	Jairam Hurry	Do. ...	263	2,650 0 0	
63	49A	Haji Daniel Dabir	Do. ...	185	1,300 0 0	
64	49B	Mahamudbhai Ebrahim	Do. ...	171	1,650 0 0	
65	49-2	Do. ...	Do. ...	302	1,350 0 0	
66	49-3	Do. ...	Do. ...	304	1,250 0 0	
67	49-4	Ebrahim bin Khan Mahamud...	Do. ...	154	1.050 0 0	
68	50	Esmail Kheraj	Do. ...	577	2 550 0 0	
69	51	Husen Ali Sulemanji	Do. ...	669	2 400 0 0	
70	52	Mohomudbhai Ebrahim	Do. ...	501	2 650 0 0	
71	53	Do.	Do. ...	304	1,350 0 0	
72	54	Punja Ludha and Jagabhai Visram	Do. ...	465	3,200 0 0	
73	55	Mahamudbhai Ebrahim	Do. ...	371	2,250 0 0	
74	56	Tyeballi Jeewakhan.....	Do. ...	278	2,000 0 0	
75	57	Muncherji Dadabhai Bhownagri	Do. ...	189	1,500 0 0	
		Husen Ali Sulemanji		255	1,700 0 0	
76	58	Bohra Jewanji Esmalji	Do. ...	106	1,150 0 0	
			Carried forward...	31073·96	2,39,350 0 0	

No.	Plot No.	Name of Purchaser.	Locality.	Area.	Amount.	When sanctioned by the Town Council.
				Sq. yds.	Rs. a. p.	
			Brought forward...	31073·96	2,39,350 0 0	
77	59	Bohra Jewanji Esmalji	Ripon Road ...	205	1,500 0 0	
78	60			369		
79	61	Purshotum Ebji	Do. ...	777	3,400 0 0	
80	62	Mahamudbhai Ebrahim	Do. ...	1,093	4,200 0 0	Sanctioned by the Town Council, under their Resolution No. 76, dated 14th April 1887.
81	63	Do.	Do. ..	1,401	5,000 0 0	
82	64	Rustum Ardashir.....	Do. ...	462	2,350 0 0	
83	65	Muncherji Cowasji Dawar	Do. ...	1,209	6,750 0 0	
84	67					
85	6	Haji Miya bin Baloo Miya Pathan	Do. ...	572	3,700 0 0	
			Total.....	37161·96	2,66,250 0 0	

D.—ROAD DEPARTMENT.

The Budget amount sanctioned for the past year under the head of Road Repairs was Rs. 3,05,942. Out of this, a sum of Rs. 30,000 was as usual apportioned for paving foot-paths with blue stone and Rs. 14,900 for road scraping, leaving a balance of Rs. 2,61,042 available for general repairs to roads, metalling, rolling, &c., &c.

2. Subsequently the grant having proved insufficient to keep the roads in good condition, an extra grant of Rs. 1,23,733 was in November sanctioned by the Corporation from surplus cash balance to be spent in repairing those roads which were in the most urgent need of repairs.

3. The following statement shows the grants allotted for : (*a*) Road Repairs, together with the extra grant referred to, and (*b*) Road Watering under each of the Budget sections, together with the amount actually spent on each section :—

Particulars.	Grant.			Actual Expenditure.			Savings.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
(*a*) Road Repairs, including the extra grant of Rs. 1,23,733—									
Budget Section I.....	1,05,861	1	11	83,768	3	11	22,092	14	0
" " II.....	2,19,339	6	5	1,99,901	9	1	19,437	13	4
" " III.....	41,015	5	11	15,235	11	4	25,779	10	7
" " IV.....	22,544	6	11	21,497	0	5	1,047	6	6
" " V.....	39,354	11	3	31,980	8	0	7,374	3	3
" " VI.....	424	15	2	375	12	4	49	2	10
" " VII.....	193	8	0	193	8	0	.....		
Re-metalling roads, VIII.....	31,921	2	2	31,882	15	3	38	2	11
Total	4,60,654	9	9	3,84,835	4	4	75,819	5	5

Particulars.	Grant.			Actual Expenditure.			Savings.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
(*b*) Road Watering Grant—									
Budget Section I...	9,109	10	8	7,403	11	0	1,705	15	8
" " II.....	48,522	11	11	43,109	2	2	5,413	9	9
" " III.....	4,784	0	0	3,369	3	11	1,414	12	1
" " IV.....	8,820	0	0	8,820	0	0	.....		
" " V.....	2,200	0	0	2,200	0	0	.....		
Total ...	73,436	6	7	64,902	1	1	8,534	5	6

4. The following footpaths were paved with blue stone :—

Portions of Gilder Street from Grant Road to Bellasis Road, equal to 43,544 sq. feet.

5. The total area of roadway rolled by steam-rollers alone was 157,227 square yards, at a total cost of Rs. 5,237, showing a saving of Rs. 509, or 9 per cent. on the cost of bullock rolling, which for the same area would have amounted to Rs. 5,746, though the work would have been far less efficiently done.

6. From the extra grant of Rs. 1,23,733, 14 four-pair and 4 one-pair bullock rollers were purchased from Messrs. Richardson and Cruddas at a cost of Rs. 6,071, as the number of rollers in stock were found insufficient to cope with the additional work.

New Roads and Improvements.

During the year under report, the following new roads were formed and improvements effected in existing roads :—

1. New Road (Sankli Street), joining Ripon Road with Haines Road at the junction of Clare Road and Parel Road. It is 1,530 feet long by 40 feet wide.

2. Improvement of Nepean Sea Road in front of Mr. Jahangir Kawasji Jahangir's bungalow, a portion of the foreshore having been reclaimed and the road widened to 40 feet.

3. New Low Level Road 340 feet long by 20 feet wide on the north-east side of Bellasis Bridge.

Tramway.

There was no extension of the Tramway during the year under report.

E.—LIGHTING.

The lighting of the streets has been satisfactorily carried out. The illuminating power of the Gas has been maintained considerably above the standard of 12 sperm candles. The Gas has been supplied free from sulphur and other impurities. The pressure has been maintained in accordance with the agreement between the Municipality and the Gas Company.

2. The number of lamps in use at the end of the year was as follows :—

Gas lamps	3,325
Kerosine oil lamps	1,295
Total...	4,620

3. The following places have been newly lighted during the year :—

With Gas.

	No. of Lamps.
Ollivant Bridge	15
Kamatipura 2nd Street, East	1
Total...	16

With Kerosine Oil Lamps.

	No. of Lamps.
Gibbs Road (additional lamp)	1
Siri Road	6
Hermitage Pass	2
Jacob's Circle	14
Total...	23

F.—ANNUAL REPAIRS.

The total of the Budget grant for repairs under various headings was Rs. 38,973-0-0, while the total sum expended during the year was Rs. 32,308-11-0, showing a saving of Rs. 6,664-5-0 on the sanctioned amount.

2. The following statement gives full details of the sanctioned allowances and the expenditure :—

No.	Particulars of Work.	Amount sanctioned.	Amount expended.	Difference.
	Engineering Department.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Bungalow of the Superintendent, Municipal Workshops		101 0 9	
2	Engine-house, Carnac Bunder		28 13 10	
3	Victoria Gardens, Superintendent's bungalow		1,005 1 2	
4	A Ward chauki		3 0 0	
5	B and C Wards chauki		30 2 10	
6	Elphinstone Circle Garden		103 0 0	
7	Northbrook Garden		53 11 0	
8	Municipal Workshops and Store-yard.		369 7 7	
9	Victoria and Albert Museum		304 1 11	
10	Chief Inspector's chauki		37 0 0	
11	D Ward chauki		124 5 7	
12	E Do. do.		50 15 8	
13	Lighting Inspector's chauki		4 5 3	
14	Falkland Road Garden	5,913 0 0	5 13 6	
15	Do. do. Dharamshala		116 0 0	
16	Love Grove Pumping Station		970 13 11	
17	Warli Sluices		354 6 2	
18	Mahim chauki		18 0 0	
19	Bhundarwada sheds		46 1 2	
20	Charni Road chauki		12 7 11	
21	Water-works bungalow and chals		378 14 4	
22	Hornby Vellard		508 6 7	
23	Frere Fountain		40 0 2	
24	Tulsi Bungalow		190 0 0	
25	Bungalow at Vehar		151 0 0	
26	Sluice houses on Tulsi Line		114 4 0	
27	Do. Vehar do.		134 12 0	
28	Outlet Tower at Vehar		40 8 0	
29	Dharavi Sluices		115 7 2	
	Total.....Rs.	5,913 0 0	5,412 0 6	500 15 6

No.	Particulars of Work.	Amount sanctioned.	Amount expended.	Difference.
	Health Department.	Rs. a. p.	Rs. a. p.	Rs. a. p.
30	Constructing a refuse Kiln at Siori		113 0 0	
31	Small-pox Hospital		6 4 11	
32	Halalkhor's chal, K. Suklaji Street ...		332 11 2	
33	Chal at Colaba Street		2,886 2 10	
34	Mahim stable		49 0 9	
35	Grave-digger's chal, Arthur Road		25 5 7	
36	Bungalow at Haines Road Cemetery...		453 5 3	
37	Girgam stable.....		242 6 0	
38	Girgam Night-soil depôt		32 15 1	
39	Kamatipura do.		33 7 2	
40	Mazagon do.		21 7 2	
41	Girgam latrines		12 8 0	
42	Kamatipura stable.....		208 8 4	
43	Do milch cattle stable		1,540 13 4	
44	Agripada do.		50 11 0	
45	Kamatipura night branch stable		103 11 2	
46	Cholera Hospital, Grant Road		10 0 0	
47	Agripada chals	12,560 0 0	177 12 1	
48	Grass market stable		268 9 10	
49	Kamatipura Gaoli's chal		155 0 0	
50	Sonapur night-soil depôt		21 13 1	
51	Khara Talao do.		51 15 6	
52	Mody Bay do.		4 7 2	
53	Bori Bunder tank		12 7 2	
54	Mahalakshmi Dhobiwada.....		592 0 5	
55	Shops at Mahalakshmi Dhobiwada ...		29 6 0	
56	Persian Wheel, Arthur Road		5 8 4	
57	Mody Bay milch cattle stable.....		82 9 7	
58	Bhangis' chal at Colaba		3 12 0	
59	Mody Bay chals		119 14 2	
60	Bungalow at Colaba		74 0 5	
61	Bori Bunder chal No. 1.....		40 5 1	
62	New chal at Bori Bunder.....		15 0 0	
63	Bori Bunder stables		457 3 2	
	Total.....Rs.	12,560 0 0	8,234 1 9	4,325 14 3
	Markets.			
64	Superintendent's Quarters, Bandora...		305 0 9	
65	Arthur Crawford Market Godowns ...		211 3 6	
66	Do. Fruit and Vegetable market...		5,094 3 10	
67	Do. Fish and Mutton market.....		1,718 3 6	
68	Do. Beef market		22 0 0	
69	Do. Fowl rooms...		6 4 0	
70	Bandora Slaughter-houses		614 3 6	
71	Cattle Inspection shed		522 13 7	
72	Sepoys' chal.....		258 3 11	
73	Butchers' chal.....		756 8 3	
74	Biggaris' chal		151 8 0	
75	Bullock Hospital.....	20,000 0 0	106 3 2	
76	Commissariat shed		633 13 2	
77	Bullock stable		1,236 8 8	
78	Erskine Road Fruit and Mutton market		889 11 1	
79	Pedder market.....		166 0 0	
80	Water trough on DeLisle Road.....		135 0 0	
81	Pork market		67 1 7	
82	Bhuleshwar market		24 4 0	
83	Fort market.....		4,719 1 1	
84	Inspector's and Jamadar's houses		703 5 3	
	Total.....Rs.	20,000 0 0	18,341 4 10	1,658 11 2

No.	Particulars of Work.	Amount sanctioned.	Amount expended.	Difference.
	Fire Brigade Stations.	Rs. a. p.	Rs. a. p.	Rs. a. p.
85	Paedhoni	500 0 0	30 10 1	
86	Byculla		272 0 7	
87	Kamatipura		18 9 3	
	Total.....Rs.	500 0 0	321 3 11	178 12 1
	SUMMARY.			
	Engineering Department	5,913 0 0	5,412 0 6	500 15 6
	Health Department	12,560 0 0	8,234 1 9	4,325 14 3
	Markets and Slaughter-houses	20,000 0 0	18,341 4 10	1,658 11 2
	Fire Brigade Stations	500 0 0	321 3 11	178 12 1
	Total.....Rs.	38,973 0 0	32,308 11 0	6,664 5 0

G.—MUNICIPAL WORKSHOPS.

This department during the year under report produced work to the value of Rs. 1,15,481-11-9, or less by Rs. 52,294-2-9 than that of the previous year.

2. The net profit on the whole turn-out of the year, which was almost exclusively departmental work, was Rs. 13,841-8-5.

3. During the year no work of any magnitude was done for the Commissariat or any other Government Department. The only work done for the Commissariat was the making of a few fittings for the Hay Presses to the value of Rs. 159, which produced a profit of Rs. 74-6-2.

4. The only private work undertaken during the year was the letting of the steam pumping engine. The working charges amounted to Rs. 394-14-10, and the hire charged, at the fixed rate of Rs. 50 per diem of 8 hours, realized the sum of Rs. 700, thus leaving a profit of Rs. 305-1-2. This rate of Rs. 50 is, as a rule, too low considering the first cost of the engine and the charges incurred in its maintenance. In cases in which the engine may be required for a number of days in one place the rate may be fair, but when the engine is used for only one or two days at one spot, the rate should be increased to Rs. 75 per diem.

5. There is no other engine of the kind maintained in the city for letting on hire for pumping out wells, &c. It is reported that in former years the Fire Brigade used to charge Rs. 200 per diem for the hire of a similar engine.

6. The gross profit of the shops during the year was Rs. 21,492-3-8, which is more by Rs. 546-6-2 than that of the previous year. From

this profit the sum of Rs. 4,031-11-1 was expended on account of repairs to engines, boilers, machinery, tools, &c., as per following details :—

	Rs.	a.	p.
Repairs to Workshops machinery	1,883	3	7
Making and repairing tools, &c.....	916	10	1
Belting, copper rivets, &c.	198	8	3
Cleaning and repairing Workshops engine and boilers	823	0	2
Maintenance of Workshops steam pumping engine.....	104	5	0
Cost of patent Tuyeres for smithy fires....	106	0	0
Total.....Rs.	4,031	11	1

7. After meeting these charges and certain losses, the net profit to the credit of the Workshops, stands at Rs. 13,841-8-5.

8. The boilers, engine and machinery have worked well during the year without any breakdown or stoppage.

9. No tools or machinery of any importance were purchased.

10. The rolling stock of the Health Department and the water carts of the Road Department were kept in good repair at the present fixed rates. The work of greasing the scavenging and sludge carts was carefully attended to by this department, and no complaints were made of the carts working noisily.

11. The Iron Foundry turned out 1,294 cwts. of castings from April to October 1887, when it was stopped from further working by order of the Municipal Commissioner. The account of castings shows a profit of Rs. 1,821-11-2 during the period of working.

12. The foundry was a very useful adjunct to the Workshops and being under Municipal control could be worked both night and day in case of emergent Municipal work being required. Delay is now experienced in obtaining castings from the contractors, and such delay is felt more particularly when one of the steam roau-rollers, all of which are always in great demand, has to be repaired. It would be well to re-open the foundry if, by superior arrangements, the Municipality could be assured against loss in the working.

13. The Brass Foundry was worked satisfactorily. It turned out 69 cwts. of castings to the value of Rs. 4,823-2-0, with a profit of Rs. 1,252-1-9. This result cannot be otherwise than gratifying, and, if there be more work, there will be a still greater profit.

14. It must, indeed, be evident that, as regards every branch of the Workshops, the more work that can be done the greater will be the advantage, because the cost of supervision and of numerous charges

which remain constant, whatever may be the quantity of work done forms a reduced percentage on the value of such out-turn in proportion to the increased value of such out-turn.

15. It is desirable, therefore, that as much of the Municipal work as possible should be entrusted to the Workshops.

16. A system of charging everything at cost price, *plus* a fixed percentage for supervision and general charges (now under contemplation), will probably, if adopted, have a beneficial effect both on the Workshops and on the several departments which require work to be done there.

H.—PUBLIC GARDENS.

The undermentioned Municipal Gardens in charge of this Department have been maintained for public use :—

(*a.*) Victoria Gardens.
(*b.*) Northbrook Gardens, Grant Road.
(*c.*) Falkland Road Garden.
(*d.*) Dick's Tank Garden, Parel Road.
(*e.*) Elphinstone Circle Garden.
(*f.*) Bazar Gate Garden.
(*g.*) Sir Kawasji Jehangir Garden at Mahim.
(*h.*) Malabar Hill Reservoir Garden.

2. The Gardens are undoubtedly a great boon to the public and of vital importance for health and recreation. They have all been extensively frequented by the public with evident general appreciation.

3. The plants, and particularly lawns, are however frequently damaged by the lower classes, who appear to have no idea of the trouble and money spent in maintaining them.

4. The present staff of the Gardens is not sufficient to keep order and regularity, and the Police are always averse to rendering assistance. It is very desirable to secure, if possible, the co-operation of the Police in alleviating the nuisance caused by disorderly persons.

5. The undermentioned additions and improvements have been made in the Victoria Gardens during the year :—

(*a.*) To the east of the large circle, a pond has been made, and mounds planted with various trees and shrubs have been raised, to the considerable improvement of the eastern portion of the Gardens.

(*b.*) The fountain in the centre of the large circle has been made more conspicuous by a pleasing arrangement of coloured beds intersected by footpaths formed around it.

(*c.*) The surroundings of the circle have been enriched with groups of palms and coniferæ.

(*d.*) The lawn in front of the clock-tower has been much improved by planting shrubberies on each side of the tower, by a road crossing the lawn and giving access to the clock-tower, and by a border formed of crotons and other shrubs with coloured leaves which, by frequent clipping, are kept low, and form an attractive carpet-border.

(*e.*) The terrace in front of the Museum has been laid out with picturesque beds of coloured shrubs intersected by narrow grass-borders.

(*f.*) The lawn north of the Museum, which used to be a jungle, has been surrounded by a curved road and planted with groups and masses of rare and handsome trees and shrubs. It now forms a very attractive object.

(*g.*) Minor alterations and improvements have been made in different parts of the Gardens by felling common jungle trees and creepers and planting palms, rare trees, and handsome flowering shrubs.

6. All the borders have been frequently renewed, and they and the lawns have always presented a fresh and neat appearance.

7. Flowers are always the weak point of the Gardens, and this will continue to be the case unless the sale of cut flowers be considerably restricted. Large quantities of flowers are produced, but as these are cut off in the early morning in order to satisfy the ever increasing demand the appearance of the flower beds cannot fail to be very deficient.

8. The establishment is much too small to maintain the Gardens in the same decent order as European public gardens are kept in, a very great deal of the malis' time being spent in cutting flowers and arranging bouquets.

9. The collection of plants has been considerably enriched partly by purchase but chiefly by exchanges of plants with the Calcutta Botanical Gardens. A large number of handsome flowering orchids have been received during the year, some from the Calcutta Gardens, and others as a gift from Captain Elcott of the S. S. "Victory." They produced splendid flowers in the last few months of the year. A large collection of ferns and other handsome jungle plants were collected from Matheran by the Superintendent.

10. A great majority of the plants in the Gardens was identified during the year, and will be labelled in the course of the year 1888-89.

The collection of plants numbers about 2,000 species, and is well calculated to form the foundation of a good botanical collection. The want of modern books in the library is seriously felt, for, without them, many plants must remain unidentified. The addition to the Library of Hooker's Flora of British India is of the greatest advantage in this respect as far as Indian plants are concerned, but it gives no assistance in identifying the large number of exotic plants found in the Gardens.

11. The zoological collection has been maintained in fairly good condition, but it would seem that the site of the Gardens is unfavourable to the health of the animals.

12. No material changes have been made in the other Municipal Gardens. They have been kept in their usual good order and condition. The Northbrook Gardens are constantly more and more damaged by the inhabitants of the neighbourhood. The only remedy for this would appear to be to close the Garden for a time and have it densely planted with hardy trees and shrubs like the Falkland Road Garden.

13. The Budget allowances and the expenditure incurred during the year for the several Gardens, are shown in the following statement:—

	Name of Garden.	Total Amount sanctioned.			Expenditure.		
		Rs.	a.	p.	Rs.	a.	p.
(*a*)	Victoria Gardens	36,689	1	1	35,175	5	4
(*b*)	Northbrook Garden, Grant Road.....	1,496	0	0	1,200	12	9
(*c*)	Falkland Road Garden	468	0	0	439	7	7
(*d*)	Dick's Tank Garden, Parel Road.....	364	0	0	217	8	10
(*e*)	Elphinstone Circle Garden	3,796	8	0	2,765	3	5
(*f*)	Bazar Gate Garden.....	833	0	0	704	15	2
(*g*)	Sir Kawasji Jehangir Garden at Mahim	482	12	0	482	1	3
	Total... Rs.	44,129	5	1	40,985	6	4

I.—GENERAL.

(1).—Stables, store, and office rooms, Paltan Road (Bori Bunder), for the Health Department, A and B Wards.

(2).—Drinking Fountain (the Jacob Fountain) in Jacob Circle.

(3).—Sankli Street (Ripon Cross Road).

(4).—Small-pox Hospital, Arthur Road.

(5).—Fire-Brigade Station at Gowalia Tank Road.

(6).—Landslip at Walkeshwar Road and construction of retaining wall and a culvert.

(7).—Extension of the Erskine Road (Nal Bazar) Markets.

(8).—Arthur Crawford Markets.

(9).—Landslip at Gibb's Road.

(10).—Byculla Bridge and Nesbit Road (Ollivant) Bridge.

(11).—Bandora Slaughter-houses.

(12).—List of Perishable and Dead Stock.

(1).—Stables, Store and Office Rooms, Paltan Road (Bori Bunder) for the Health Department, A and B Wards.

The stables in Paltan Road to the north of the Municipal Workshops having become dilapidated and insufficient for the wants of the Health Department, the Corporation, on the 11th May 1883, sanctioned a sum of Rs. 50,000 for the construction of new stables with tile roofs and ridge ventilation.

2. Of the two tenders received, that of Mr. Ghamaji Balaji, amounting to Rs. 41,576-6-11 excluding Rs. 1,559 for contingencies, was accepted by the Town Council on the 22nd July 1885 under their Resolution No. 617.

3. The work was commenced on the 25th September 1885 and completed on the 10th December 1886 at a cost of Rs. 32,473, a saving of Rs. 10,644 on the contract amount having thus been effected.

4. Additional works comprising the construction of office and store rooms estimated at Rs. 7,598-6-3 were sanctioned, to be met from the saving referred to under the Town Council's Resolution No. 1541, dated 12th January 1887.

5. Tenders were advertised for on the 11th May 1887, and Mr. Ghamaji Balaji's offer to undertake the work, at a cost of Rs. 7,501-15-10, was accepted by the Town Council under their Resolution No. 928, dated 4th August 1887.

6. The work was commenced on the 29th December 1887, and was practically completed within the year 1887-88.

(2).—Drinking Fountain (The Jacob Fountain) in Jacob Circle.

On the 12th June 1885, Colonel S. S. Jacob, R.E., Executive Engineer, Jeypore, informed the Secretary, Town Council, that it was desired to erect in Bombay a memorial to his late uncle, General Sir George LeGrand Jacob, who was well known in the Bombay Presi-

dency, and that by preference the memorial would take the form of a drinking fountain. He further stated that, if his proposal were accepted, he would submit in due course a design for approval.

2. The design having been submitted and approved, the Corporation on the 13th October 1886 (Resolution No. 994, dated 13th October 1886), sanctioned the erection of the fountain in the circle formed at the junction of Clerk Road, Haines Road, Arthur Road and Ripon Road.

3. The necessary detailed drawings were prepared for the basement, and the work of construction at the estimated cost of Rs. 2,838 was commenced departmentally on the 16th December 1886 at the cost of Colonel Jacob. The basement having been completed, the marble superstructure was received from Colonel Jacob on the 27th October 1887. The work of the superstructure was executed by workmen sent from Jeypore. The whole work was completed on the 16th January 1888.

4. The following summaries shew the results of the carrying out of the basement :—

	Rs.	a.	p.
Cost of actual work, as measured and calculated at estimated rates	3,587	9	11
Net Outlay [(Rs.3,936-8-1)—(Rs. 589-11-11)] ...	3,346	12	2
Saving ...	240	13	9
Amount sanctioned for the work	2,838	0	0
Net outlay	3,346	12	2
Excess ...	Rs. 508	12	2

5. The excess (Rs. 508-12-2) over the sanctioned amount was due to the drainage and water connections, the shifting of a sewer manhole and the construction of an additional manhole.

6. In addition to the excess of Rs. 508-12-2, a sum of Rs. 589-11-11 was expended in supplying coolies and materials to the mistri sent by Colonel Jacob to put up the fountain and the marble lions.

7. The excess was borne by Colonel Jacob except the sum of Rs. 220-11-7 which being the cost of the water inlet and the drainage outlet arrangements was a legitimate charge on the Municipality according to the terms of the previous arrangement made by the Commissioner.

8. The fountain is a very conspicuous and handsome addition to the ornaments of the city.

(3).—Sankli Street (Ripon Cross Road).

The Town Council having approved of the plan and estimates made for the cross road from Ripon Road to Clare Road at the foot of Byculla Bridge, sanctioned, under Resolution No. 164, dated 27th May 1887, the acceptance of Mr. Amruta Babaji's tender amounting to Rs. 21,855-7-8 (Rs. 14,431-3-6 for the road, and Rs. 7,424-4-2 for pipe sewer).

2. The work was commenced on the 16th May 1887, and the road was completed and opened for traffic on the 31st January 1888.

3. The following statement gives the quantities and value of the road work done :—

Quantities.	Particulars.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
35,865·31 c. ft.	Excavation in earth, moorum, boulders, &c.	0 14 0	100 c. ft.	313 13 2
35,914·98 „	Filling in with excavated earth	1 0 0	„	359 2 5
192,041·76 „	Filling into any height with the contractor's earth in layers of 9", each layer to be well watered and unconsolidated	2 10 0	„	5,041 1 6
60,262·72 s. ft.	Dry rubble stone packing 6" thick under metal road, hand-packed.....	3 0 0	100 s. ft.	1,807 14 1
60,850·40 „	Metalling with 6" of good metal and 1" of sandstone, including watering	5 6 0	„	3,270 11 4
3,092·42 r. ft.	Fixing water-tables stones with 6" of concrete and cement and sand pointing	43 0 0	100 r. ft.	1,329 11 10
10,937·88 c. ft.	Filling in with rubble stone for the pipe bed	6 0 0	100 c. ft.	656 4 4
543·14 „	Lime concrete for culvert	16 0 0	,	86 14 5
522·10 „	Rubble masonry walls for culvert.....	15 0 0	„	78 5 0
635·52 s. ft.	Plastering with cement and sand	12 0 0	100 s. ft.	76 11 11
292·26 „	Dhapas 4" thick	55 0 0	„	160 11 11
	Total....Rs.			13,181 5 11

(4).—Small-Pox Hospital (Arthur Road).

Contractor:—*Mr. Sitaram Lakshman.*

In accordance with instructions contained in the Commissioner's No. 15490, dated 24th February 1887, tenders for the construction of detached hospitals and out-houses at Arthur Road were advertised for on the 2nd May 1887. Of the tenders received on the 12th May, that of Mr. Sitaram Lakshman, amounting to Rs. 48,403, was the lowest, but exceeded the office estimates by nearly Rs. 9,000.

2. On the 22nd June 1887, the Town Council sanctioned the acceptance of Mr. Sitaram's offer to undertake the work at the rates of this office estimate, reducing the contract amount to Rs. 39,636.

3. The work was commenced in October 1887, and the greater part completed during the year.

4. The quantities and cost of work done to the end of the year are given below :—

Quantities.	Particulars.	Rate.	Per	Amount.	Total.
	SMALL-POX HOSPITALS, 3.	Rs. a. p.		Rs. a. p.	Rs. a. p.
10,938·00 c. ft.	Excavation in earth, moorum, boulders, &c. I.	2 12 0	100 c. ft.	300 12 8	
10,938·00 ,,	Do. do. do. II.	2 12 0	,,	300 12 8	
10,938·00 ,,	Do. do. do. III.	2 12 0	,,	300 12 8	
1,545·00 ,,	Concrete in common mortar for foundation I.	15 0 0	,,	231 12 0	
1,545·00 ,,	Do. do. do. II.	15 0 0	,,	231 12 0	
1,545·00 ,,	Do. do. do. III.	15 0 0	,,	231 12 0	
2,794·57 ,,	Rubble and lime masonry in foundation I.	15 0 0	,,	419 2 11	
2,794·57 ,,	Do. do. do. II.	15 0 0	,,	419 2 11	
2,794·57 ,,	Do. do. do. III	15 0 0	,,	419 2 11	
2,467·70 ,,	Do. do. in plinth I.	17 0 0	,,	419 8 0	
2,467·70 ,,	Do. do. do. II.	17 0 0	,,	419 8 0	
2,467·70 ,,	Do. do. do. III.	17 0 0	,,	419 8 0	
182·33 ,,	Cut-stone work, fine-dressed I.....	2 8 0	1 c. ft.	455 13 2	
182·33 ,,	Do. do. II.....	2 8 0	,,	455 13 2	
182·33 ,,	Do. do. III.....	2 8 0	,,	455 13 2	
5,000·00 ,,	Filling in with the excavated earth I....	1 0 0	100 c. ft.	50 0 0	
5,000·00 ,,	Do. with the Contractor's earth II....	3 0 0	,,	150 0 0	
5,000·00 ,,	Do. with the surplus earth excavated for laying water pipe close to Hospital..	1 8 0	,,	75 0 0	
24 Nos.	Cast-iron pillars 9' high I.	....	Lot.	800 0 0	
30 ,,	Do. 5'-9" do. I.	....			
24 ,,	Do. 9' do. II.	....	,,	800 0 0	
30 ,,	Do. 5'-9" do. II.	....			
24 ,,	Do. 9' do. III.....	....	,,	800 0 0	
30 ,,	Do. 5'-9" do. III.....	....			
200 cwts.	Wrought-iron work in trusses, purlins, &c. I.	16 0 0	1 cwt.	3,200 0 0	
200 ,,	Do. do. do. II.	16 0 0	,,	3,200 0 0	
400·75 c. ft.	Brick and lime Arching I.	40 0 0	100 c. ft.	160 4 9	
400·75 ,,	Do. do. II.	40 0 0	,,	160 4 9	
400·75 ,,	Do. do. III.	40 0 0	,,	160 4 9	15,037 0 6
	STORE AND APOTHECARY'S AND COMPOUNDER'S ROOMS.				
6,814·00 c. ft.	Excavation in earth, moorum, boulders, &c.	2 8 0	100 c. ft.	170 5 8	
1,243·50 ,,	Concrete in common mortar for foundation	15 0 0	,,	186 8 4	
4,654·00 ,,	Rubble and lime masonry in foundation....	15 0 0	,,	698 1 7	
2,020·36 ,,	Do. do. in plinth.....	17 0 0	,,	343 7 4	
1,884·67 ,,	Do. do. in superstructure, including pointing	17 0 0	,,	320 6 3	
28·12 ,,	Cut-stone work fine dressed	2 8 0	1 c. ft.	70 4 10	
285·08 ,,	Brick arch in common mortar, including pointing	42 0 0	100 c. ft.	119 11 8	
74·05 ,,	Brickwork in common mortar, including pointing	40 0 0	,,	29 9 11	
899·44 ,,	Hydraulic lime arching, including plastering, &c.....	40 0 0	,,	359 12 3	
4 251·40 ,,	Filling in with the excavated earth	1 0 0	,,	42 8 2	
557·34 s. ft.	Pointing plinth with cement and sand 1 to 1	3 0 0	100 s. ft.	17 9 10	2,268 5 10
	SERVANTS' QUARTERS.				
4,140·50 c. ft.	Excavation in earth, moorum, boulders, &c.	2 8 0	100 c. ft.	103 8 3	
748·00 ,,	Concrete in common mortar for foundation	15 0 0	,,	117 0 0	
2,492·75 ,,	Rubble and lime masonry in foundation....	15 0 0	,,	373 14 7	
1,316·75 ,,	Do. do. in plinth	17 0 0	,,	223 13 6	
1,465·20 ,,	Do. do. in superstructure, including pointing	17 0 0	,,	239 1 4	
28·12 ,,	Cut-stone work, fine-dressed.....	2 0 0	1 c. ft.	70 4 10	
26·80 ,,	Brickwork in common mortar, including pointing	40 0 0	100 c. ft.	10 11 6	
146·54 ,,	Brick arching in common mortar, including pointing, &c.....	42 0 0	,,	61 8 7	
481·28 ,,	Hydraulic lime arching, plastering, &c. ..	40 0 0	,,	192 8 0	
2,212·31 ,,	Filling in with the excavated earth	1 0 0	,,	22 1 11	
502·36 s. ft.	Pointing plinth with cement and sand 1 to 1	3 0 0	100 s. ft.	15 0 1	1,429 8 7
	Carried over..Rs.				18,734 14 11

Quantities.	Particulars.	Rate. Rs. a. p.	Per	Amount. Rs. a. p.	Total. Rs. a. p.
	Brought forward....Rs.				18,734 14 11
	BHUNGY'S HOUSE.				
1,852·00 c. ft.	Excavation in earth, moorum, boulders, &c.	2 8 0	100 c. ft.	46 6 5	
350·50 „	Concrete in common mortar for foundation	15 0 0	„	52 14 0	
1,013·75 „	Rubble and lime masonry in foundation ..	15 0 0	„	167 1 0	
519·62 „	Do. do. in plinth	17 0 0	„	88 5 4	
631·79 „	Do. do. in superstructure	17 0 0	„	107 6 5	
9·37 „	Blue cutstone work, fine-dressed	2 8 0	1 c. ft.	23 6 10	
9·93 „	Brickwork in common mortar, including pointing	40 0 0	100 c. ft.	3 15 6	
70·58 „	Brick arch in common mortar, including pointing	42 0 0	„	29 10 3	
628·65 „	Filling in with the excavated earth	1 0 0	„	6 4 5	
168·92 „	Hydraulic lime arching, including, plastering, &c.....	40 0 0	„	67 9 9	
252·89 „	Pointing plinth with cement and sand 1 to 1	3 0 0	c. ft.	7 14 1	
	DEAD HOUSE.				600 14 0
1,071·00 c. ft.	Excavation in earth, moorum, boulders, &c.	2 8 0	100 c. ft.	26 12 5	
220·50 „	Concrete in common mortar for foundation	15 0 0	„	33 1 2	
701·40 „	Rubble and lime masonry in foundation ..	15 0 0	„	105 3 4	
365·19 „	Do. do. in plinth	17 0 0	„	62 1 3	
563·13 „	Do. do. in superstructure	17 0 0	„	95 11 8	
10·93 „	Cut-stone work, fine-dressed.....	2 8 0	1 c. ft.	27 5 2	
42·62 „	Brick arch in common mortar, including pointing	42 0 0	100 c. ft.	18 5 1	
82·50 „	Hydraulic lime arching, including plastering	40 0 0	„	33 0 0	
332·80 „	Filling in with excavated earth	1 0 0	„	3 5 3	
208·00 s. ft.	Pointing plinth with cement and sand 1 to 1	3 0 0	100 s. ft.	6 3 10	
	WATER CONNECTION.				411 1 2
1,080·00 r. ft.	Supplying and laying 2" pipe, &c.	0 4 0	1 r. ft.	270 0 0	
	DRAINAGE.				270 0 0
32,646·67 c. ft.	Excavation for 9" pipe, including filling in.	2 0 0	100 c. ft.	652 14 10	
893·03 r. ft.	9" stoneware pipe laid complete	1 0 0	1 r. ft.	893 0 6	
23 Nos.	Junctions 9" × 6" fixed complete	3 8 0	each.	80 8 0	
5 „	Man-holes complete	150 0 0	„	750 0 0	
1 No.	Latrine on the new system, 2-chambered, &c.	560 0 0	„	560 0 0	
					2,936 7 4
	Total..Rs.				22,953 5 5

(5).—FIRE BRIGADE STATION AT GOWALIA TANK ROAD.

The question of providing additional Fire Brigade stations has been under consideration since the year 1880. A grant of Rs. 18,000 was allowed for the purpose in the Budget Estimates for 1883-84.

2. The work of constructing the stations could not, however, be proceeded with until suitable sites had been provided—a matter of considerable difficulty and necessarily involving much delay.

3. It was at length decided to build a Fire Brigade station in the compound of the D Ward offices at Gowalia Tank Road, and tenders for the work were advertised for in October 1885.

4. The tenders received for the work being higher than the office estimates, the matter remained in abeyance.

5. Mr. Ghamaji Balaji's tender amounting to Rs. 5,949, *plus* Rs. 595 (10 per cent.) for contingencies, was accepted by the Town Council on the 4th August 1887. (Resolution No. 927, dated 4th August 1887.)

6. The work was commenced on the 3rd November 1887, and was well advanced at the end of the year.

7. The quantities and cost of the work will form a subject for the next Administration Report.

(6).—Landslip at Walkeshwar Road and Construction of Retaining Wall and a Culvert.

On the 6th July 1887, a portion of Walkeshwar Road, opposite the Municipal Water-tanks near Chaupati, settled down.

2. In order to overcome the sinkage of this road, which had occurred annually during the rains, the Corporation sanctioned, under their Resolution No. 1393, dated 20th October 1887, a sum of Rs. 6,027 for constructing two culverts under the road, to start from the ditch on the hill side and discharge into Back Bay.

3. This proposal was, however, modified owing to a slip of the parapet wall which subsequently occurred, and a retaining wall and a culvert, estimated to cost Rs. 5,992 as shown below, were constructed, sanction to the modification having been given by the Town Council under their Resolution No. 1957, dated 4th January 1888:—

Culvert	Rs. 2,737
Retaining wall	„ 3,255
Total...	Rs. 5,992

4. The work was commenced departmentally on the 7th November 1887, and completed during the year under the supervision of Inspector Mr. Powell.

5. The cost was well within the sanctioned amount.

(7).—Extension of the Erskine Road (Nal Bazar) Markets.

The Erskine Road markets were established in 1869, when Mr. Arthur Crawford was Municipal Commissioner. During the last 18 years the city has considerably extended, and the public wants have increased. It is, therefore, only natural that additions should now be required to markets built many years ago. The necessity of extending these markets has been pointedly urged from time to time by the Superintendent of Markets ever since 1881.

2. In the Budget Estimates for 1888-89, a sum of Rs. 3,02,175

was provided for the extension, the amount having been arrived at as follows:—

Name of Owners.	Approximate valuation of Houses.	Land.		Total value of both Land and Buildings.	Remarks.
		Area.	Approximate value.		
	Rs.	Sq.yds.	Rs.	Rs.	
Mr. Chabildas Lullubhai	5,522	477·14	1,26,020	1,31,542	The value of the land works out to Rs. 96 per square yard.
Dr. Antone DeSilva	5,046	153·33	31,280	36,326	
Mr. Mahomed Kasam	2,827	....	....	2,827	
„ Balkrishna Bapuji	2,008	....	....	2,008	
„ Do. do.	700	....	....	700	
Owner of Mosque	..	426·21	40,838	40,838	
Approximate valuation of Lands and Buildings				2,14,241	
Add—Estimated cost of Market construction				87,934	
Total..				3,02,175	

3. A portion of ground, required for the extension, belonged to Mr. Chabildas Lullubhai, who strongly objected to part with it, on the plea that he was intending to erect a market himself. Mr. Chabildas submitted building plans; but they were returned unapproved under the advice of the Municipal Solicitors.

4. On the 1st December 1887, the Corporation (under Resolution No. 1707, dated 1st December 1887) sanctioned the extension of the markets at a cost of Rs. 3,02,175, including the taking up of the required properties under the Land Acquisition Act. The Collector was communicated with, and the ground was taken possession of on the 15th February 1888.

5. Orders were given to commence the foundations departmentally under Inspector Mr. Baker.

(8).—ARTHUR CRAWFORD MARKETS.

After discussion on the advisability of additions and alterations to these Markets, it was finally decided to make an extension to the Mutton Market.

2. On the 29th January 1888, a fire occurred at the Markets and destroyed the greater part of the weighing shed and godowns on the south side.

3. It was considered advisable in restoring the buildings to have the partition walls built up to the roof so as to obviate in future the spread of fire along the whole range.

4. An estimate for the re-instatement of the weighing shed and godowns amounting to Rs. 30,845 was prepared.

5. A contract and specification were also prepared and orders given for an immediate invitation of tenders.

(9).—Landslip at Gibbs Road.

The Executive Engineer having personally noticed that extensive excavations in the land immediately abutting to and below Gibbs Road, nearly opposite the entrance to the compound of the Towers of Silence, had progressed so far as to endanger the safety of the public road, requested the owner, Mr. Kharsedji Hormusji Dadysett, on the 31st May 1887, to stop further excavation.

2. At 5-45 in the morning of the 5th July 1887, a portion of Gibbs Road, 145 feet in length, abutting to Mr. Dadysett's property gave way, and in subsiding carried away the 24" Tulsi supply main and the 9" service main for Khambala hill.

3. The supply from these mains was immediately shut off, and the work of removing and relaying them, and of restoring the road was carried on departmentally day and night. It was completed on the 7th July at a cost of Rs. 5,268.

4. The work of building a permanent retaining wall will be carried out after the rains of 1888.

5. The Town Council authorised the Municipal Commissioner (under Resolution No. 1099, dated 16th May 1888) to settle the claim of the Municipality against Mr. Dadysett on the following terms:—

Mr. Kharsedji Dadysett to contribute the sum of Rs. 3,500 (three thousand five hundred) towards the expenses which the Municipality have been and are being put to in the matter, and as against this sum to be allowed a credit of Rs. 1,000 (one thousand), or thereabouts, for the value at Rs. 5 (five) per square yard, of so much of his land as may be eventually taken and used for the site of the permanent retaining wall of the road.

(10).—Byculla Bridge and Nesbit Road (Ollivant) Bridge.

In May 1881, the Government of India, on the recommendation of the Bombay Government, sanctioned a scheme for the improvement of the Great Indian Peninsula Railway and roads in the vicinity of Byculla. This scheme comprised the construction of a new overbridge to carry the Parel Road over the Railway, the construction of a road joining the Parel and Mazagon Roads, parallel to the Railway on the west (intended to relieve Nesbit Road of much of its traffic and to facilitate access to Wadi Bandar and the Prince's Dock), the erection of a new passenger station to the north of the Byculla Overbridge, the quadrupling of the main line, and various minor alterations.

2. The Bombay Government in communicating the above Resolution of the Government of India to the Officers and Depart-

ments concerned, expressed a hope that the Railway Company and the Municipality would combine to secure the early commencement and speedy completion of the works referred to.

3. The scheme was accepted by the Railway Company and a plan and alternative estimates for Byculla Bridge were prepared. The Corporation, however, declined to be parties to the arrangement inasmuch as no provision had been made for an overbridge at Nesbit Road, the necessity for which was insisted upon by several influential members of the Corporation.

4. At length a compromise was effected owing to the efforts of the Municipal Commissioner, Mr. Ollivant; the compromise was as follows :—

I. The Railway Company to bear the whole expense of reconstructing the Byculla overbridge to the full width of 60 feet, and with flattened gradients, the Municipality being relieved of liability to contribute in the manner provided for in para. 3 of Bombay Government Resolution No. 1503 of 1881.

II. The Railway Company to be relieved of the liability to provide a foot-bridge at Nesbit Road, and eventually of the liability to maintain a level crossing there.

III. The Municipality to build at their own expense an overbridge to take the place of the existing level crossing at Nesbit Road.

IV. The construction of the proposed road to connect Parel Road with Mazagon Road to be abandoned or at least indefinitely deferred.

V. Government to pay compensation for private properties acquired or damaged in carrying out the revised design for the Byculla overbridge, subject to a limit of Rs. 10,000. In the event of compensation claims amounting to more, the difference to be made good by the Municipality; land belonging to the Municipality to be given free of charge.

VI. Government also to assent to the Railway Company surrendering and making over, free of charge, the land now in the Company's possession required for the emplacement of the approach to the Nesbit Road overbridge on the west side, and also to give, free of charge, the narrow strip of land along the north of the State Railway stores-yard, required for the east approach.

VII. The Municipality to reimburse Government and the Railway Company the value of buildings belonging to each

respectively, that may have to be wholly or partially removed to make way for the approaches to the Nesbit Road overbridge, and all expenses connected with necessary alteration and residential damages.

VIII. The Municipality to pay compensation for all private properties acquired or damaged in carrying out the Nesbit Road overbridge.

5. The construction of the Byculla Bridge was completed by the Railway Company in December 1885, Messrs. Narsu Saibu and Company being the contractors.

6. The work of constructing the Nesbit Road Bridge, estimated to cost Rs. 1,82,854, was carried out by Messrs. Narsu Saibu and Company, whose tender was accepted by Government Resolution No. 404, dated 15th February 1886, Public Works Department. The bridge was completed in June 1887, and opened for traffic on the 20th September 1887.

(11).—Bandora Slaughter-Houses.

In the Budget Estimates for 1886-87, a sum of Rs. 20,000 was sanctioned for the improvement of the Bandora Slaughter-houses.

2. The following works coming within the sanctioned grant were ordered to be carried out. Messrs. Ramchandra Rajna & Co.'s tender for the first two items was accepted by the Town Council (under Resolution No. 310, dated 12th June 1886) and the remaining items were carried out departmentally under the supervision of Inspector Mr. Cluley:—

		Rs.
1.	Filling in quarry hole in centre of compound, 1,552 brass, at Rs. 3 per brass	4,656
2.	Open storm-water drain	5,737
3.	Drains between ranges of Butchers' chals	2,906
4.	6 stoneware pipe branches and manholes	950
5.	9" pipe sewer (700 feet)	1,400
6.	5 Manholes for 9" pipe sewer at Rs. 150 each	750
7.	Siphons, gully traps, junctions, &c.	200
		16,599
	Add—15 per cent. contingencies ...	2,490
	Total... Rs.	19,089

3. The works have been completed well within the sanctioned grant.

4. The final accounts not having yet been closed will form a subject for next year's Administration Report.

(12).—List of Perishable and Dead Stock in charge of the Executive Engineer.

Names of Articles.	No. or Quantity.	Amount, Rs.	a.	p.
PERISHABLE STOCK.				
Acid, carbolic	2	5	1	9
Anger, spiral	1	1	0	0
Balance, spring	1	2	0	0
Bars, crow, iron, steel, pointed	14	25	14	4
Baskets, cane, square for paper	11	33	0	0
Do. do. for waste paper	5	10	0	0
Brush, stencil	1	0	9	0
Boxes, hydrant, C. I.	12	38	8	0
Castings, iron, boundaries	19	12	10	1
Catch-pit, iron	1	31	2	9
Colours of sorts	12	6	0	0
Fire-bars, C. I.,	88	83	15	10
Grating, C. I., 18"	1	6	12	0
Do. C. I., 2' 3" × 2' × 2"	1	13	7	6
Do. C. I., 1' 8" × 1' × 7"	25	162	8	0
Gratings, C. I., for Port Trust Roads	7	31	13	6
Do. C. I., 1½' × 1½' × 2"	10	59	12	0
Grating, C. I., 20" × 26"	1	6	0	0
Gratings, C. I.,	5	45	2	4
Do. C. I., 2' 2" × 2' × 2"	4	46	4	0
Do. C. I., 19' × 20" × 2½"	1	6	4	4
Do. C. I., 14½" × 14½" × 2½"	5	22	4	9
Do. C. I., 14½" × 14½"	18	82	4	0
Hoes, or powras iron, small	2	8	0	0
Hoses, India-rubber	21	4	0	0
Hydrant boxes	35	114	1	11
Do. cases	19	24	15	4
Lamps, street	3	121	15	7
Do. wall	4	20	0	0
Leather clips	9	4	8	0
Manholes, C. I.	28	1,150	1	0
Measure, tin, 2 gallons	1	3	8	0
Do. grain, wooden, furras	1	6	8	0
Mallets, wooden	6	4	8	0
Pencil, spring bow	1	4	6	0
Pens, drawing	2	5	4	0
Pen, spring bow	1	4	6	0
Pipes, bend, earthen, 6"	6	13	11	9
Do. do. 9"	12	25	4	6
Pipes, flap trap, earthen 9"	20	89	4	6
Do. do. 16" × 6"	20	58	2	0
Do. do. 12"	16	112	4	0
Pipes, stoneware, half sockets, 9" × 2"	150	196	14	0
Pipes, junction, earthen, 6"	5	4	12	6
Do. do. 6" × 6"	7	9	15	8
Do. do. sirgle, 9"	7	14	0	0
Do. do. 12"	11	29	1	3
Do. do. 9" × 6"	7	12	6	8
Pipes, straight, earthen, 6"	26	18	14	2
Do. earthenware, half socket, 9" × 2"	55	72	3	0
Do. straight, earthen, 9"	230	353	9	11
Do. do. 6" each 2' long	59	56	5	5
Do. bend, quadrant, 6"	14	18	8	5
Pipe, junction, earthen, double 9"	1	1	2	1
Pipes, cast iron, 9" × 6"	11	276	8	0
Rammer, C. I., with handles	24	72	0	0
Saw, hand, country	1	1	0	0
Do. Europe	1	1	8	0
Carried over...		3,640	15	10

Names of Articles.	No. or Quantity.	Amount. Rs.	a.	p.
PERISHABLE STOCK—*contd.*				
Brought forward...		3,640	15	10
Screw driver...	1	0	12	0
Stone mill for chunam	1	2	0	0
Scrapers, road, iron ...	14	12	11	8
Scrapers, drain, iron...	2	1	0	0
Saddle pieces, C. I., 4″ × 6″	0 1 6	2	2	0
Stop-cock cover	12	1	15	0
Do. boxes	43	56	1	1
Timber planks, teakwood ...	7	7	0	0
Ventilators, C. I.	6	98	4	0
Yokes, leading, wooden	26	193	0	5
Total ...		4,015	14	0
DEAD STOCK.				
Apparatus, road watering...	1	295	6	0
Beaters, C. I...	8	8	4	10
Benches, teakwood, common size	3	24	12	0
Do. junglewood, common ...	5	23	12	0
Do. teakwood, without arms and back	5	30	0	2
Do. wooden, with arms	2	27	2	4
Bench, teakwood, common	1	21	0	0
Do. vice teakwood	1	95	0	0
Bill book	1	0	14	0
Bin compass, large, in case	1	18	0	0
Boards, drawing, teakwood	2	21	6	7
Do. notice, teakwood ...	12	125	5	7
Do. sign ...	2	6	0	0
Books in charge of Executive Engineer	197	1,887	8	8
Do. Frames, Engineering	1	21	0	0
Book, Denton's Sanitary Engineering ...	1	17	4	0
Boxes, tin, cash, Europe ...	3	54	4	0
Do. plain, Line, 3″ diameter ...	23	40	11	0
Do. teakwood ...	4	59	6	8
Do. do. for plans	5	100	0	0
Do. do. for keeping papers	3	45	0	0
Do. do. small ...	2	13	0	0
Do. for date	3	2	0	0
Do. without column ...	2	4	0	0
Do. of Railway curves	3	15	0	0
Box, paper, black, with lock	1	9	0	0
Do. of colours	1	2	0	0
Do. despatch, tin, Europe	1	63	0	0
Do. Chubb's paper, with leather cover	1	44	10	0
Do. for stationery...	1	50	0	0
Do. teakwood, plain	1	30	0	0
Do. dealwood	1	5	8	0
Do. teakwood	1	50	0	0
Do. do. 5 × 2×2½ ...	1	32	0	0
Chests, Treasury, without frame...	2	300	0	0
Chest, wooden, with drawers	1	65	10	3
Do. large, teakwood	1	30	0	0
Do. treasury, with teakwood frame	1	125	0	0
Cabinets, Stationery, Europe, size	6	270	0	0
Cans, Iron, Oil, 6 gallons, medium	4	2	15	2
Carried over...		4,035	12	3

Names of Articles.	No. or Quantity.	Amount.		
DEAD STOCK—*contd.*		Rs.	a.	p.
Brought forward...		4,035	12	3
Carts, watering, iron, new	34	7,280	0	0
Do. do. do.	24	5,760	0	0
Do. for removing road scraping	10	1,650	0	0
Do. watering, iron, with round teak	75	22,100	0	0
Do. truck, wooden, small	8	80	0	0
Do. wooden, iron square tank	79	17,380	0	0
Cart, do. small, barrel	1	2	0	0
Case, leather, for plan	1	10	0	0
Caution boards for steam rollers...	4	76	3	3
Chains, Surveyor's, iron, 100 feet	5	18	12	0
Chain, steel, Surveyor's, with arrows	1	12	6	0
Chairs, blackwood, with arms	39	112	5	7
Do. teakwood, common, with plank seats	3	9	3	6
Do. blackwood	21	48	1	9
Do. teakwood	12	30	0	0
Do. scrapers, teakwood	2	50	0	0
Do. teakwood, with arms	3	9	6	1
Chair, teakwood, with arms and round back	1	21	0	0
Chatties, copper, or handas	3	4	8	0
Clocks, American, ordinary	2	31	14	0
Compass, pocket, magnetic, in case	1	11	0	0
Crane crab of 5 tons	1	225	0	0
Cupboards, teakwood	5	588	2	11
Do. do.	2	117	0	0
Do. do.	2	130	0	0
Cupboard, do.	1	25	0	0
Do. do. with shelves	1	80	0	0
Curve, railway, wooden, in case	1	5	0	0
Commode, teakwood	1	6	0	0
Desks, writing, teakwood, single, long	3	362	0	0
Do. do. cotton shelves with book rack on top	3	346	8	0
Do. do. with double cloth	1	80	0	0
Ediometer	1	100	0	0
Foot ruler, 2"	1	3	0	0
Filter, wooden, with teakwood stand	1	25	0	0
Frames do. for staves	3	3	2	6
Glass, training, with stand	1	10	0	0
Gauge, metal...	1	2	0	0
Gindy, copper	1	3	0	0
Inkstands, large, with glasses	4	60	0	0
Instruments, drawing boxes	2	30	0	0
Keys, hydrant	12	25	6	3
Do. for iron boxes	34	23	13	4
Keys, coupling iron...	18	24	8	7
Levels, spirit, 10½ with top and bottom, brass plates	22	49	0	1
Lamps, platform	2	33	5	4
Do. red	2	27	4	0
Do. hurricane	2	8	9	4
Do. hand, Europe, small	2	7	0	0
Lamp, iron cradle	1	3	0	0
Lanterns for rollers...	2	11	8	0
Ladder, folding, American...	1	14	0	0
Do. dealwood, common	1	12	8	0
Lorry, wooden	1	110	2	8
Do.	1	95	15	4
Levelling staves	3	141	0	0
Mathematical instruments in case, by Elliotts	2	235	0	0
Do. do. do.	1	28	0	0
Machines, road scraping	19	1,330	0	0
Machine, weighing platform	1	65	0	0
Carried over...		63,128	6	9

Names of Articles.	No. or Quantity.	Amount.		
DEAD STOCK—*contd.*		Rs.	a.	p.
Brought forward...		63,128	6	9
Maps of Bombay	12	12	0	0
Do. do. Survey	2,931	8,259	7	4
Mat, coir, large	1	25	0	0
Do. small	1	5	0	0
Mortar with pestle, iron, country	1	1	5	0
Measure, gallon, copper	1	15	0	0
Do. box, wooden	1	1	8	0
Paper weights, glass	5	2	8	0
Photometer with fittings, &c.	1	985	1	4
Pipes, steam, copper 2½" two ways	13	858	0	0
Pipe, stand, copper, and two keys hydrant	2	60	8	8
Pitch boilers, iron	3	529	0	8
Plates, stencil, alphabetical, 1/2"	2	9	7	0
Do. do. of sizes	22	35	5	11
Plates, stencil, figures of sizes	9	21	1	2
Presses, record, blackwood, ordinary size	2	75	5	0
Do. teakwood, large size	10	1,245	0	0
Do. do. with partitions	3	873	9	8
Do. blackwood, with brass frame	2	60	0	0
Do. small, with glass doors	3	90	0	0
Press, stamping	1	20	0	0
Do. pigeonhole, small size	1	25	0	0
Do. record, large, with glass doors	1	100	0	0
Do. do. teakwood, with partitions	2	138	9	8
Pulleys, black, iron, double	2	57	12	0
Pump, telescope	1	35	0	0
Do. complete, for Municipal Office	1	100	0	0
Punkhas, hanging, size	3	38	4	0
Do. of 6"	1	9	0	0
Do. hanging	1	21	0	0
Rake, coarse, iron, with shafts	1	0	4	0
Rain gauges	7	73	8	0
Ranging rods	20	20	0	0
Rollers, stone, large	18	3,600	0	0
Do. steam 8 tons	2	9,800	0	0
Do. cast-iron, single	3	1,227	8	0
Do. road, hand	3	330	0	0
Do. road, steam, Thomson's (10 tons)	2	12,120	12	6
Do. W. Nicol & Co.	4	1.599	8	0
Do. Richardson & Co.	4	2,122	14	0
Do. Sorabji & Co.	4	1,291	2	0
Do. cast-iron	7	712	4	0
Roller, road, steam, Thomson's, 15 tons	1	7,359	0	0
Do. do. Thomson's, 10 tons	1	4.850	0	0
Do. do. do. 8 do.	1	5,058	9	0
Do. steam, 8 tons	1	4,850	0	0
Rod, iron, large, 125'	1	43	15	9
Rulers, parallel, brass 24"	2	46	10	8
Do. do. 12"	2	30	0	0
Do. do. 2"	2	40	0	0
Do. do. 18" ordinary	1	20	0	0
Rules, sliding	4	20	0	0
Seals in boxes, complete	2	15	0	0
Scale, iron, small with weights	5	15	0	0
Do. brass	1	17	0	0
Do. hand, copper	1	3	0	0
Do. triangular, wooden	1	7	0	0
Do. postage, with weights	1	2	12	0
Do. triangular, plotting ivory sets	1	15	0	0
Staves, wooden	40	74	8	2
Carried over...		1,32,202	8	3

Names of Articles.	No. or Quantity.	Amount.		
DEAD STOCK—*contd.*		Rs.	a.	p.
Brought forward...		1,32,202	8	3
Staves, wooden complete	18	134	0	0
Stand, wooden, for horse	1	20	0	0
Saucers, colours 3"	12	11	10	0
Sextants with leather case	1	45	0	0
Screen, metal, with standard	1	30	0	0
Screw jack, iron, 8 tons	1	140	0	0
Set squares	2	5	2	0
Set square, blackwood	1	3	0	0
Spanners, screen, iron, double, 18"	2	21	0	0
Spar, teakwood, 30" long and 10" diameter	1	15	0	0
Square, new teakwood	2	2	4	10
Stand, washhand, teakwood tripod with crockery	1	5	0	0
Do. washing, teakwood...	1	2	0	0
Stone sharpening, Turkey	1	4	0	0
Stools, dealwood, common	7	21	0	0
Do. blackwood, with drawers...	5	14	0	0
Do. do. plain	3	7	4	0
Stool, junglewood, common	1	1	0	0
Do. blackwood, plain	1	10	0	0
Straight edges	5	10	8	1
Do. edges, iron	2	70	0	0
Slope for table	1	9	0	0
Tables, writing, teakwood	2	53	8	5
Do. teakwood, with two drawers	2	40	0	0
Do. drawing teakwood, with drawers, small	8	161	0	0
Do. writing blackwood, plain, small...	4	40	0	0
Do. do. junglewood, common	5	40	0	0
Do. drawing, teakwood, with drawers	5	700	0	0
Do. do. with drawers 10×3×5	2	199	8	0
Do. writing, blackwood, cloth-covered, large	2	65	0	0
Do. do. do. plain, cloth-covered	7	210	0	0
Do. teakwood, 4'×6" with 4 drawers	1	30	6	8
Table, dealwood 3×4×6 with 2 drawers	1	13	9	4
Do. common	1	15	5	3
Do. drawing, teakwood, with drawers, small	1	28	9	0
Do. do. do. without drawers	1	120	12	0
Do. blackwood, with two drawers	1	53	6	0
Do. writing, blackwood, cloth-covered, small	1	25	0	0
Do. square, ebony	1	10	0	0
Do. teakwood, with desk	1	60	0	0
Thermometers	2	6	0	0
Theodolites with tripod stands	4	288	0	0
Tanks, iron	28	3,416	12	3
Truck 5'×3'	1	50	0	0
Washing set...	1	5	0	0
Wash-hand basin	1	4	0	0
Weight, medical	1	0	12	0
Do. iron, platform	1	1	5	0
Weighbridge of 5 tons	1	497	6	1
Total Dead Stock ... ... Rs.	.....	1,38,918	9	2
Total Perishable Stock ... Rs.	.....	4,015	14	0
Grand Total ... ... Rs.	.....	1,42,934	7	2

(13)—List of Perishable and Dead Stock (Tulsi and Drainage) Balance in hand on the 1st March 1888-89.

Names of Articles.	No. or Quantity.	Amount. Rs.	a.	p.
TULSI.				
Bend, W. I., 2½"	1	3	8	0
Basket, Cane, for keeping papers	2	6	0	0
„ „ for waste paper	1	2	0	0
Board, Drawing, Teakwood, plain	1	6	0	0
Box, Dispatch	1	50	0	0
Chairs, Blackwood, large	6	25	8	0
„ „ with arms	2	5	14	6
„ „ with arms and round back	1	21	0	0
„ large, Blackwood	12	51	0	0
„ small „	2	5	0	0
Cabinet, Stationery, Europe, large	1	45	0	0
Cupboard, Blackwood, with two drawers	1	25	8	0
„ Teakwood, with glasses	1	120	0	0
Clock, American	1	15	0	0
Desk, Writing, Teakwood	1	81	14	5
Desk, Office	1	44	8	0
Filters, Carbon	2	38	12	8
Gauges, rain, brass, Europe	1	94	8	0
Inkstand, large, with glass	1	15	0	0
Machine, Cement, testing, complete	1	80	0	0
Meter, Current, Elliotts'	1	90	0	0
Pump, Centrifugal, with accessories	1	2,819	11	3
Press, Teakwood	1	84	4	11
„ Teakwood, 10' × 8"	1	270	0	0
„ Record, Blackwood, large	1	45	10	0
Presses, Record, Teakwood	2	117	0	0
Punkha	1	10	8	0
Pump, force and light, with accessories	1	503	0	0
Stool, Teakwood	1	3	0	0
Screens, Wooden	2	25	0	0
„ small	1	6	0	0
Table, Drawing, with drawers	1	28	9	0
„ „ Teakwood, small	1	9	5	0
„ „ with drawers	1	140	0	0
„ „ Dealwood	1	15	0	0
„ „ Teakwood, with drawers	1	28	9	0
„ Writing, Teakwood, plain	1	13	10	6
„ Camp, Teakwood	2	63	5	4
„ Writing, Teakwood, ordinary size	1	29	8	0
„ Drawing, Teakwood, common	1	9	5	0
„ Writing, Teakwood, large, with fourteen drawers	1	95	0	0
„ „ „ with drawers	1	12	0	0
„ „ „ with pigeon holes	1	15	0	0
Weights, iron	27	5	12	0
Carried over		4,675	3	7

Names of Articles.	No. or Quantity.	Amount.		
DRAINAGE.		Rs.	a.	p.
Brought forward...		4,675	8	7
Bookstand, Teakwood	1	4	8	0
Box, Dispatch	1	50	0	0
„ Cash, Chubb's patent	1	30	0	0
„ Dispatch, Chubb's patent	1	27	0	0
„ Dealwood	1	3	0	0
Boxes, Dealwood, for plans	2	8	0	0
„ Teakwood, complete	4	20	0	0
„ Paper	2	22	0	0
Boxwood, 12″ triangular, plotting scale with off-set ...	1	7	8	0
Boards, Drawing	3	37	8	0
Board, Drawing	1	11	0	0
„ „	1	12	8	0
Boring tools, complete	2	720	0	0
Badges with belts	14	82	4	0
Boxes, Dealwood	15	153	4	1
Box, Dealwood...	1	36	0	0
Cart, Flushing...	1	298	0	0
Chairs, large, Blackwood	6	25	8	0
Chairs, large	11	27	8	0
Chairs, large, Blackwood	12	51	0	0
Chains, Steel and Arrows, 100 feet	6	72	0	0
Chains, Steel, 100 feet	3	36	0	0
Chains, Chesterman's, 100 feet	6	48	0	0
Chain, Steel, 100 feet	1	13	0	0
Clock, Office	1	18	8	0
Compasses, big...	2	23	0	0
Compasses, Prismatic, Leather case, with string	1	30	0	0
Compass, Beam, complete	1	18	0	0
Cupboard, Teakwood	1	85	0	0
„ „	2	120	0	0
„ „	2	140	0	0
Cupboards	2	285	0	0
Electrum Mathematical Instruments in Rosewood case, by Elliots	1	150	0	0
Filters, Iron, 2′ long	8	48	0	0
Hand, Dogs'	12	36	0	0
Instrument cases	2	220	0	0
Instrument case	1	70	0	0
Levelling Staves, 14 feet	28	1,196	0	0
Levels, Dumpy, in case, by Elliots, 14″	10	2,690	0	0
Lamps, Hurricane	1	3	0	0
Lanterns, Hexagon, with Opal Reflectors	4	72	0	0
„ wall, with triple „	2	32	0	0
Levels, Dumpy, 10″ with stand	5	1, 80	0	0
Mahogany T. square, with Ebony edges, 3″	1	5	0	0
„ „ „ 42″	2	14	0	0
Machine, Cement, testing	1	475	0	0
Machine, weighing, plateform	3	675	0	0
Machine, earthenware, pipe, testing	1	85	0	0
Optical squares in cases...	3	45	0	0
Pen wheel, Elliotts', with box	1	9	8	0
Pocket, Sextant, in case...	1	70	0	0
Pump, Diving, with Rubber tubing, &c.	2	1,200	0	0
Portable Forge, 20″	1	52	8	0
„ „ 18″	1	52	0	0
Press, Copying	1	60	0	0
Press, Teakwood	1	84	4	11
Protractors, Ivory	4	20	0	0
Press, Hydraulic	1	275	0	0
Carried over...		16,869	8	7

Names of Articles.	No. or Quantity.	Amount.		
		Rs.	a.	p.
Brought forward...		16,369	8	7
Rods, folding, 5″ with six extra Ferrules...	6	36	0	0
Ruler, parallel, brass, rolling, 12″	1	20	0	0
Ruler, parallel, brass, rolling, 15″	1	24	0	0
„ „ 18″	2	52	0	0
„ „ 21″	1	30	0	0
„ „ 30″	1	50	0	0
Rulers...	19	12	12	0
Scale, boxes	2	30	0	0
Scales, boxwood, plotting, in case	4	60	0	0
Scales, triangular, with off-sets, 12″	1	15	0	0
Scale with weights	1	7	8	0
Scales, Architects'	10	26	8	0
Scale, iron, large, with weights...	1	7	8	0
Screen, with cloth, large	1	20	0	0
Screens, door	2	10	0	0
Sets, square	4	8	0	0
Squares, T.	1	14	0	0
Square T., 42, with Ebony edges	2	14	0	0
Table, Writing, Blackwood	1	23	0	0
Table, Writing, Teakwood	1	30	0	0
Tables	3	42	0	0
Table, small, Blackwood	1	20	0	0
Table, Teakwood, for plans	4	88	0	0
Tables, Teakwood, for drawings	2	44	0	0
Table, Teakwood, drawing	1	50	13	0
„ „	2	40	0	0
Table, Office, second-hand	1	8	0	0
Table, Wooden...	1	16	0	0
Theodolites, Transit, 5″ with stand	1	410	0	0
Tanks, wrought iron, 2′ × 2′ × 2′	2	60	0	0
Vulcanite set Squares	6	10	0	0
Weights, Paper	24	2	8	0
Total Perishable and Dead Stock, Rs...		17,651	1	7

JAMES W. SMITH,
Acting Executive Engineer, Municipality.

REPORT OF THE DEPUTY EXECUTIVE ENGINEER IN CHARGE WATER WORKS, FOR 1887-88.

BOMBAY, 16*th June* 1888.

FROM S. TOMLINSON, ESQ., Assoc.M.Inst.C.E., F.R. Met. Soc.,

Deputy Executive Engineer, Water Works,

To F. L. CHARLES, ESQ., C.S.,

Acting Municipal Commissioner.

The Vehar Lake and Dependent Works.

Character of Monsoon, 1887.

The monsoon of 1887 was a very favourable one, and the lake was filled on the 6th August and commenced to overflow on the 8th August. The rainfall which contributed most largely to this satisfactory result is worthy of note, being the heaviest on the records of 27 years. The details are appended and form an interesting study of the flow from the ground under different conditions of rainfall. It will readily be seen that the quantity of water flowing into the lake depends not only upon the depth of the rainfall but upon the rate at which it falls. A reduction of half in the rainfall may mean a reduction of three-fourths in the flow to the Reservoir. The level of the lake was also subsequently kept up by the overflow from Tulsi.

Table 3.

Extension of Catch-water Channels proposed.

2. The extensions of the Catch-water Channels suggested in the previous report were under consideration at the close of the year under report.

3. The work of replacing, at an estimated cost of Rs. 35,000, the puddle in the Waste Weir by concrete was sanctioned by the Corporation on the 26th January. A tender for the work was accepted by the Town Council on the 8th February, and the work was commenced on the 16th February. Favourable progress was made up to the end of the year under report. The work will form the subject of further reference next year.

Concrete trench in Waste Weir sanctioned.

4. The work of repitching Dam No. 2 was also included in the same contract, as was also the continuation of the puddle trench at the same dam. These works, estimated to cost Rs. 10,000, will more naturally fall to be referred to at greater length in the report of the current year.

Repitching Dam No. 2 sanctioned.

5. The Filters at Vehar have been at work throughout the year, and give satisfactory results. They are, however, only designed to be capable of efficiently dealing with about one-quarter of the water which is now drawn through the 24" main. So long as this is the case, the water supplied from this main is not thoroughly filtered, about three-fourths of it never having passed through the sand.

Working of Filters at Vehar.

6. A tender was accepted on the 27th March for the erection of a chawl, at an estimated cost of Rs. 12,000, for the workmen employed at the filters. The work will be proceeded with immediately.

New chawl for workmen at Vehar sanctioned.

7. The Sluice House at Kurla on the 32" main was rebuilt during the year. The estimated cost was Rs. 1,600. The actual cost was Rs. 1,042-13-6. The work was done by Mr. Fakirji Pestonji and practically completed on the 30th June 1887. The roof of the new house is of concrete, and the room was enlarged so as to permit of the sluice valve being removed without pulling down the building as was previously the case.

New Sluice House at Kurla built.

8. Wire fencing, at an estimated cost of Rs. 810, has been put up round the edge of the cliff at Bhandarwada Reservoir to prevent accidents to the visitors.

Wire fencing at Bhandarwada Reservoir erected.

9. The raising of the sluice house, at an estimated cost of Rs. 4,000, over the inlet main at Bhandarwada, so as to provide quarters for the Inspector, was sanctioned on the 14th November 1887, and the work was in progress at the close of the year under report.

Inspector's quarters at Bhandarwada Reservoir sanctioned.

Tulsi Lake and Dependent Works.

Lake filled, 25th July 1887.

10. The lake was filled and commenced to overflow on the 25th July 1887; the rainfall causing this desirable result being of the same character as that just referred to in detail under the head of Vehar Lake.

Catch-water Channel at Tulsi repaired.

11. The repair of the Catch-water Channel (referred to in the last Annual Report) was completed on the 14th June 1887. The cost was Rs. 2,356, and the work was done by Messrs. F. M. Babanbhai & Co.

Works in good condition.

12. No further repairs were needed to any of the works, and the dams and channel are in good condition.

Water improving in quality.

13. It is worthy of note that the water in the Tulsi Lake appears to improve yearly: the discolouration is disappearing. In a few years it appears probable the water will be of similar character to that in Vehar; the purity of each being spoiled only by the growth of vegetable *protococci* which can be easily removed by filtration.

24" Main Embankment repaired at Bandora.

14. A portion of the 24" Main Embankment between Golibar and Bandora was repaired at a cost of Rs. 8,185-12-11. The work was done by contract with Messrs. Littlewood and Dadabhai.

Bursts on the main during the year.

15. There were bursts on the 24" main at five places during the year. The bursting of the bonnet of the sluice valve at Haines Road, on the 25th February 1888, had the effect of stopping the Races on that day, but the most serious inconvenience arose from the landslip on the Gibbs Road, near the entrance to the Parsi Towers of Silence, on the 5th July 1887. There had been heavy rain for three days previously, and on the 5th, about 6-15 A.M., the landslip occurred and carried with it a portion of the Gibbs Road, containing the Tulsi 24" and the Gibbs Road 9" mains. The work of repair was immediately taken in hand, and continued day and night until the water mains were replaced. The 24" main was completed on the night of the 8th, and the 9" on the 9th instant. The almost continuous rain during the period of repair diminished the demand for water, and the quantity stored in the Malabar Hill Reservoir just sufficed to prevent a famine. The Reservoir was empty before the water again came into it.

Malabar Hill Reservoir.

16. The roofing of the Distribution Basin at Malabar Hill was completed, and the water turned into the basin on the 20th June. The basin has been regularly in use since that time, having been emptied on two occasions to fix an iron staircase and to alter the arrangement of the syphon pipe at the south end of the Reservoir. The alteration was completed in Febru-

ary, and the level of water in the basin was sufficiently high on the 25th March to allow of the main working by gravitation. The main will only now act as a syphon when the level of water in the Distributing Basin is below 12 feet. Under ordinary circumstances, Walkeshwar, the lower portion of Ridge Road, and Narayen Dabolkar Road will be supplied direct by gravitation. This will prevent the partial closing down of the Tulsi main hitherto practised, and will relieve the pumping engine also. The cost of the alteration executed departmentally was Rs. 501. The roof of the Distributing Basin was covered with earth, and the formation of the east bank was in progress at the close of the year, the 12″ main having been diverted departmentally at a cost of Rs. 1,509 to the new road adjoining.

Distribution.

New mains laid.

17. The rapid expansion of the city has necessitated the laying down of over 12 miles of new mains. The most important extension was an 18″ main from the 48″ main from Bhandarwada Reservoir to Frere Road. The demand for water in the Frere Road District has very much increased during late years by the construction of the Docks and the erection of buildings in the district. The new main will enable either Vehar or Tulsi water to be supplied to the Docks. The work was so far completed as to allow Vehar water to be sent into the old 9″ main on the 16th March. The estimated cost of the whole work is Rs. 85,000.

The appended table No. 9 gives the places, diameters, and lengths of new mains laid down during the year.

Arthur Road 27″ Main.

18. With a view to make full use of the 24″ main from Vehar, pending the arrival of the Tansa supply, it was decided during the year to lay a 27″ main from the 24″ main at Parel Road along Kala Chowki Road, Arthur Road, and Tardeo Road to Gowalia Tank Road, there effecting a junction with the existing 32″ Vehar and 26″ Tulsi mains.

This 27″ main forms part of the Tansa project, being the branch from the 48″ main to the Malabar Hill Reservoir. The pipes are included in the contract with Messrs. Macfarlane, Strang & Co. The contract for laying was entrusted to Messrs. Dinsha Cowasji Bhedwar & Co., and the work was in progress at the end of the year. The contract time expires on the 31st July 1888. In connection with this, a 48″ sluice valve was fixed on the 48″ main at Babula Tank Road on the 15th January 1888. This work was done departmentally.

No serious stoppage in the supply to the City.

19. During the year there has been no serious stoppage in the supply of water to the city. The Reservoirs at Bhandarwada and Malabar Hills have always been kept full enough to tide over a stoppage due to the bursting of a pipe on the main. Bursts in the city itself cause and always must cause a temporary inconvenience to the district affected.

Inspection, Distribution and Waste Prevention.

Revenue Inspection.

20. During the year a careful comparison has been made between the properties from which water rate was actually being recovered and those in which water was actually being used. A considerable number of cases were discovered in which properties were escaping the payment of water rate, and the necessary steps have been taken to recover the rates due.

New connections.

21. During the year no less than 767 new connections were granted. After allowing for 268 disconnections, the net increase is 499. This brings up the total number of connections to 15,364; the increase during the year being 3·4 per cent. against 2·7 per cent., the average of the 10 preceding years. The details of these new connections are given in Table No. 10, and the number of connections from 1860 to 1887-88 is given in Table No. 11.

It requires little thought to perceive that these large annual increases in the number of connections, coupled with an increased demand in many of the old connections, must necessarily increase the complaints of short supply, the quantity drawn from the existing lakes being now almost at the maximum.

Meter supplies.

22. The number of meters in use for trade purposes, &c., on the 31st March 1888, was 1,006 against 871 in the previous year, the increase of 135 being no less than 15 per cent. of the total number previously in use. Municipal meters hired out to consumers at reasonable rates, are now rapidly displacing private meters.

The details of the meters in use are given in Table No. 12.

The quantity of water registered through meter in 1887, was 723,359,467 gallons, against 673,557,501 gallons in 1886. The details are given in Tables Nos. 13 and 14. The supply through meters is now 2 millions of gallons daily.

During the year 309 Siemen's meters were purchased to hire out to consumers and the Kennedy's meters, which had been lying unused for many years, were sent to Scotland to be repaired by the makers, who purchase 300 of them and return 143, after being put into good condition.

Public supplies.

23. Amongst the additions to the list of public fountains are :—

1. The LeGrand Jacob Memorial Fountain. This is erected in the circle, to be hereafter known as Jacob Circle, formed at the junctions of Clerk, Haines, Ripon and Arthur Roads, Mahalaxmi. It is in memory of Major-General George LeGrand Jacob and bears the following inscription :—

GEORGE LEGRAND JACOB,

Major-General, Bombay Infantry,

BORN, April 24th, 1805, died January 27th, 1881.

Through forty years of Military and Political service in Western India he won the confidence of his fellow-soldiers and of Native States. Upholding the honour of his country in times of difficulty and danger by the decision of his character, the wisdom and justice of his acts and influence of his name.

This fountain is dedicated in love and honour by his niece and adopted daughter,

GERTRUDE L. JACOB,

to perpetuate his memory among people he loved, and for whose good he laboured long and faithfully.

The fountain, designed by Colonel Jacob, son of the deceased General, is a handsome structure in white (Jeypore) marble, resting on a blue stone basement.

2. The Wadia Fountain. This is at the junction of DeLisle and Elphinstone Roads, near the Dhun Mill. It is erected in memory of the late Ardasir Hormusji, Esq., by his daughter Aimai, 1886.

3. Cattle drinking trough erected near Matunga by the Salt Traffic Merchants, Messrs. Jacinto Jao Barretto and Dewji Ebbji.

4. The Balibai Memorial Fountain erected in Sewri by Damaji and Essu Narayen Ghavud in 1888.

In accordance with the Resolution of the Town Council, directing that dipping wells should be covered over and taps substituted where the supply is constant ; several of the most insanitary dipping wells have been closed and taps substituted. The details of public fountains are given in Table No. 15.

System of distribution.

24. The system of distribution has been much changed during the year. The old system, whilst giving a satisfactory supply in some districts, deprived others of their fair share ; and left the whole of the mains in the

city empty at night: the delay in securing a supply of water at fires led to serious consequences. The complaints cannot be quieted until the Tansa water arrives, but the number received this year has been much less than usual.

Waste prevention.

25. The detection of waste has been vigourously carried on during the year. On the 11th August 1887, the Corporation sanctioned the appointment of 24 additional Inspectors. The results of the work up to December 1887 have formed the subject of a separate report, which has been already printed and circulated. The saving of water in 1887 was 1,743,492 gallons, which, added to the 538,037 gallons per day saved up to 31st December 1886, gives a total saving of 2,282,529 gallons per day.

That this saving is real is evidenced by the fact that, although the quantity drawn from the lakes has remained almost stationary, the consumption through meters and for new connections has enormously increased without increasing the number of complaints from other quarters.

The number of notices issued (see Table No. 16) during the year to repair defective fittings, &c., was 5,074, an increase of 1,232, or 32 per cent. over the previous year.

Correspondence.

26. The correspondence naturally increases with the expansion of the work set out above. During the year 6,135 inward and 5,601 outward letters were registered in addition to 4,596 letters issued to, and a like number received back from, the Inspectors with reports thereon. This makes a total of 10,731 letters received and 10,197 letters issued.

Maintenance Branch.

Chinchpokli chawl occupied.

27. The workmen's chawl at the Chinchpokli Stores was occupied on and from the 1st January 1888. The filling and metalling of the compound is in progress by contract with Mr. Bhomaji Shivaji. The sanctioned grant is Rs. 11,000.

New Office and Store Rooms.

28. On the 14th November 1887, sanction was given to the erection of store rooms and office at an estimated cost of Rs. 12,500. The tender of Mr. Ardeshir Framji, amounting to Rs. 11,166-11-0 (without furnishings), was accepted and the erection of the building was in progress. It will have a frontage of 125 feet to the DeLisle Road. On the ground-floor will be store rooms, and on the upper floor office, rooms for clock and meter repairers and meter testing.

29. A compound wall has been constructed by contract with Mr. Mahadeo Raghunath, and the wooden railing departmentally at a cost of Rs. 7,003-15-7 against the estimate of Rs. 8,000.

Compound wall.

30. The whole of the Water Works stock has been carefully re-valued. The future re-valuations will be rendered much easier by each article having been weighed and by similar articles being now valued at uniform rates.

Re-valuation of Stock.

31. The necessity for a large trained staff for the maintenance work was shewn during the year by the bursts at Gibbs Road, Malabar Hill, in July 1887, contemporary bursts at the Race Course and Mahim on the 25th February 1888, and the burst on the Tulsi 24″ at Marole on the 5th December 1887. Any delay in securing men used to the work would, in these cases, have caused much inconvenience to the city.

Trained staff necessary.

The number of bursts repaired during the year was 125, as per Table No. 17 appended.

In addition to the new connections made by the staff, there were 511 transfers from old mains to the new mains laid during the year.

Proposed new Works.

32. The progress of the Tansa Works renders any large extension of the present works unnecessary. What remains for consideration, with regard to the present works, is the question of enlarging the filters, so as to enable them to deal with the whole volume of water. This means that the area of filtering surface requires, approximately, to be doubled. The rate for thorough filtration ought not to exceed 4 inches per hour or 50 gallons per square foot of sand per day. The present volume of water supplied gives 100 to 120 gallons per square foot per day. Large quantities of water are, therefore, not filtered at all. A balancing or regulating Reservoir is also required on the 24″ Vehar main, the water being now sent direct from the filters into the main.

Extension of filters.

33. The recurring cases of litigation, arising from cultivation within the watershed of the Vehar lake, render it desirable to acquire the gathering ground. This measure has been repeatedly recommended, and is quite as necessary as in the case of Tulsi.

Acquisition of Vehar gathering ground.

34. The Tulsi Lake and Works being an important and permanent possession of the Corporation, it appears very desirable for their protection and preservation that they should be accessible at all times of the year. This can be effected by the formation of a road along the Tulsi 24″ main embankment from Vehar Lake to Tulsi.

Road from Vehar to Tulsi.

Financial.

35. The progress of the revenue during the past few years is most satisfactory, and is the best justification of the large expenditure now being incurred on the Tansa Works. This increase of revenue is clearly due to the demand for water which has been partly met by the detection and prevention of waste; because whilst the increase of water revenue in 1887-88 over 1886-87 is 15 per cent., the increase in the consolidated rate is only 4·2 per cent. Unfortunately prevention of waste has its limits, and there will now begin to accumulate an unsatisfied demand, which will absorb 10 million gallons per day of the Tansa supply in 1892, and only leave a surplus of 7 millions sufficient for the expansion of the demand for about 5 years, when the duplication of the pipe line from Tansa will become necessary unless constant supply be again withdrawn.

Growth of revenue.

The expenditure also increases rapidly. The additional charge for interest on the Bhandarwada Reservoir and 24″ Vehar Main Loans and other recent extensions, amounting to about Rs. 1,50,000 per annum, has been met by the expansion of the revenue; but despite the satisfactory condition of the latter, it can scarcely be expected to meet the interest and sinking fund charges of Rs. 3,70,000 per annum on the Tansa Works during construction.

Appended Table No. 18 shews the revenue and expenditure since the Vehar Works were completed.

I have the honour to be,

Sir,

Your most obedient Servant,

S. TOMLINSON, Assoc. M. Inst. C.E.

Table No. 1.

APPROXIMATE Capacity of Vehar Lake. Gathering Ground, including Catch-Water Channels (450 acres), 3,000 acres.

Level Town Hall Datum.	Remarks.	Contents in Millions of Gallons.
268·50	Top of Main Embankment	.....
263·50	Top of planks on Waste Weir	11,425
262·50	Top of Masonry of Waste Weir = 59 on old gauge ...	11,065
261·50	Area of water surface 1,400 acres	10,705
260·50	.....	10,369
259·50	....	10,032
258·50	.....	9,696
257·50	.....	9,359
256·50	Area of water surface 1,242 acres	9,023
255·50	D°. do. 1,214 „	8,690
254·50	No. 4 Inlet to Tower	8,375
253·50	.....	8,061
252·50	....	7,746
251·50	Area of water surface 1,102 acres	7,432
250·50	....	7,148
249·50	Approximate level at commencement of Monsoon if Lake filled in the previous October	6,864
248·50		6,580
247·50	....	6,307
246·50	No. 3 Inlet to Tower...	6,053
245·50	.....	5,800
244·50	.....	5,546
243·50	.....	5,301
242·50	Coping of Filters at Vehar is 243 T. H. D.	5,073
241·50	.....	4,845
240·50	.....	4,617
239·50	.....	4,395
238·50	No. 2 Inlet to Tower	4,187
237·50	.....	3,979
236·50	Bottom of Channel leading from the Lake to the Tower 236 T. H. D....	3,771
235·50	.....	3,570
234·50	.....	3,382
233·50	.....	3,194
232·50	.....	3,006
231·50	.....	2,825
230·50	No. 1 or lowest Inlet to Tower	2,659
229·50	.....	2,493
228·50	.....	2,327
227·50	.....	2,168
226·50	.....	2,024
225·50	....	1,881
224·50	.....	1,738
223·50	.....	1,602
222·50	Foundation level of Tower...	1,481
221·50	.....	1,361
220·50	.....	1,240
219·50	.....	1,128

Table No. 1.—*contd.*

Level Town Hall Datum.	Remarks.	Contents in Millions of Gallons.
218·50	.....	1,033
217·50	.....	938
216·50	.....	843
215·50	.....	756
214·50	.....	686
213·50	.....	615
212·50	.....	545
211·50	.....	481
210·50	.....	431
209·50	.....	381
208·50	.....	332
207·50	.....	288
206·50	.....	255
205·50	.....	223
204·50	Bottom of pipe from Tower 204·33 T. H. D.	190
203·50	Bottom of Concrete 199·00 „	158
	„ „ Iron Cylinder 201·00 „	.....
	Top Water Level Bhandarwada Reservoir 190 T. H. D.	.....

Table No. 2.

APPROXIMATE Capacity of Tulsi Lake. Gathering Ground, including Catch-Water Channels (220 acres), 1,450 acres.

Level Town Hall Datum.	Area of Surface of Water in acres.	Remarks.	Contents in Millions of Gallons.
456·50	331	Level of Waste Weir as raised 1885	2,305·6
456·00	...	.....	2,260·0
455·00	...	.....	2,173·0
454·00	...	.....	2,087·0
453·00	...	.....	2,002·0
452·50	303	Waste Weir level after first raising	1,960·4
452·00	...	.....	1,921·0
451·00	...	.....	1,842·0
450·00	...	.....	1,763·0
449·00	...	.....	1,684·0
448·00	...	.....	1,605·0
447·00	...	.....	1,527·9
446·50	272	Waste Weir level as originally built	1,490·8
446·00	...	.....	1,453·7
445·00	...	.....	1,381·4

Table No. 2.—*contd.*

Level Town Hall Datum.	Area of Surface of Water in acres.	Remarks.	Contents in Millions of Gallons.
444·00	...	.....	1,311·0
443·00	...	.....	1,242·0
442·00	...	.....	1,175·5
441·00	...	.....	1,110·4
440·00	229	.....	1,047·3
439·00	...	.....	986·0
438·00	...	.....	926·5
437·00	...	.....	868·9
436·00	...	.....	813·3
435·00	194	.....	759·4
434·00	...	.....	707·8
433·00	...	.....	658·6
432·00	...	.....	611·9
431·00	...	.....	567·4
430·00	150	.....	525·4
429·00	...	.....	485·5
428·00	...	.....	447·5
427·00	...	.....	411·4
426·00	...	.....	377·3
425·00	114	.....	345·3
424·00	...	.....	315·0
423·00	...	.....	286·3
422·00	...	.....	259·1
421·00	...	.....	233·6
420·00	85	.....	209·7
419·00	...	.....	187·4
418·00	...	.....	166·7
417·00	...	.....	147·6
416·00	...	.....	131·1
415·00	55	.....	114·3
414·00	...	.....	99·8
413·00	...	.....	86·5
412·00	...	.....	74·8
411·00	...	.....	63·2
410·00	34	.....	53·2
409·00	...	.....	44·3
408·00	...	.....	36·2
407·00	...	.....	29·1
406·00	...	.....	23·2
405·00	18	.....	17·9
404·00	...	.....	13·4
403·00	...	.....	9·4
402·00	...	.....	6·0
401·00	...	.....	3·2
400·00	7	.....	1·1
399·36	6	Lip of lowest inlet to Tower =00 of old gauge...	0·0

Table No. 3.

VEHAR LAKE.

Rainfall on, and flow of water from, Gathering Ground in July 1887.

1	2		3	4		5		6		7		8	9	10	11
1887.	Rainfall.		Volume of Rainfall on the Gathering Ground of 2,900 acres 1″=65,5 3·210 gallons.	Height of Water in the Lake.		Rise of Water in the Lake.		Deduct Rainfall on Lake.		Net rise of water in the Lake.		Net Increase	Add for leakage and supply to City.	Total Increase = volume collected.	Percentage of volume collected to volume of rainfall= Col. 10. / Col. 3.
	Ins.	·Cts.		Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Gallons.	Gallons.	Gallons.	
July 2 ..	..	25	16,396,000	252	90										
3 ..	8	15	534,503,000	..	..										
4 ..	7	66	502,367,000	256	30	3	40	1	34	2	06	788,000,000	11 Millions...	777,000,000	
5 ..	4	37	286,599,000	257	40	1	10		36		74	249,000,000	,, ..	260,000,000	
6 ..	2	18	142,971,000	258	00		60		18		42	142,000,000	,, ..	153,000,000	
7 ..	2	41	158,056,000	258	70		70		20		50	168,000,000	,, ..	179,000 000	
8 ..	2	10	137,725,000	259	30		60		18		42	142,000,000	,, ..	153,000,000	
9 ..	1	02	66,895,000	259	70		40		09		31	104,000,000	,, ..	115,000,000	
10 ..	0	57	37,382,000	259	80		10		05		05	17,000,000	,, ..	28,000,000	
11 ..	0	54	35,415,000	260	00		20		05		15	51,000,000	,, ..	62,000,000	
	29	25	1,918,308,000											1,727,000,000	90
12 ..		18	11,805,000	260	00		00		02		—02	—7,000,000	,, ..	4,000,000	
13 ..		41	26,889,000	260	10		10		03		07	24,000,000	,, ..	33,000,000	
14 ..		60	39,350,000	260	10		00		05		—05	—17,000,000	,, ..	—6,000,000	
15 ..		17	11,149,000	260	20		10		01		09	30,000,000	,, ..	41,000,000	
16 ..		51	33,447,000	260	20		00		04		—04	—14,000,000	,, ..	—3,000,000	
17 ..		35	22,954,000	260	20		00		03		—03	—10,000,000	,, ..	1,000,000	
18 ..		11	7,214,000	260	20		00		01		—01	—3,000,000	,, ..	8,000,000	
19 ..		19	12 461.000	260	20		00		02		—02	—7,000,000	,, ..	4,000,000	
20 ..		45	29,512,000	260	20		00		04		—04	—14,000,000	,, ..	—3,000,000	
21 ..		00	00,000,000	260	20		00		00		+00	00,000,000	,, ..	11 000,000	
22 ..		52	34,103,000	260	20		00		04		—04	—14,000,000	,, ..	—3,000 000	
23 ..		21	13,772.000	260	20		00		02		—02	—7,000,000	,, ..	4,000,000	
Tulsi overflowed on 25th and brought an unknown quantity of water into Vehar Lake.	3	70	242,656,000											91,000,000	37·5

Table No. 4.

TULSI LAKE.

Rainfall on, and flow of Water from, Gathering Ground in June and July 1887.

1	2		3	4		5		6		7		8	9	10	11
1887.	Rainfall.		Volume of Rainfall on the gathering ground of 1450 acres 1" = 32,792,000 gallons.	Height of water in the Lake.		Rise of water in the Lake.		Deduct Rainfall on Lake.		Net rise of water in the Lake.		Net increase.	Add for leakage and supply to City.	Total Increase= Volume collected.	Percentage of volume collected to volume of Rainfall= Col. 10 / Col. 3.
	Ins.	Cts.		Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Gallons.	Gallons.	Gallons.	
Monsoon burst June 5				436	20										
6 ..	2	87	28,529,000	436	20		00		07		—03	—1,668,000	5½ Millions..	3,832,000	
7 ..		69	88,210,000	436	50		30		22		08	4,448,000	„ ..	9,948,000	
8 ..		00	.....	436	40		—10		00		—10	—5,560,000	„ ..	—60,000	
9 ..		00	.....	436	30		—10		00		—10	—5,560,000	„ ..	—60,000	
10 ..		00	.....	436	20		—10		00		—10	—5 560 000	„ ..	—60,000	
11 ..	3	28	9,181,000	436	10		—10		02		—12	—6,672,000	„ ..	—1,172,000	
12 ..		10	101,655,000	436	50		40		26		14	7,784,000	„ ..	13,784,000	
13 ..		29	9,509,000	436	40		—10		02		—12	—6,672 000	„ ..	—1,172,000	
14 ..		00	.....	436	30		—10		00		—10	—5,560,000	„ ..	—60,000	
15 ..	3	90	127,889.000	436	70		40		33		07	3,955,000	„ ..	9,455,000	
16 ..	3	46	113,461,000	437	60		90		29		61	34,465,000	„ ..	39,965.000	
17 ..	1	47	48,204.000	438	00		40		12		28	16,128.000	„ ..	21,628.000	
18 ..		18	5,902,000	438	10		10		02		08	4,608,000	„ ..	10,108,000	
19 ..		00	.....	438	00		—10		00		—10	—5,760,000	„ ..	—260,000	
20 ..		00	.....	437	90		—10		00		—10	—5,760,000	„ ..	—260,000	
21 ..		00	.....	437	90		+00		00		00	0,000.000	„ ..	5,500,000	
22 ..		14	4,591,000	437	80		—10		01		—11	—6,336,000	„ ..	—836,000	
23 ..		00	.....	437	70		—10		00		—10	—5,700,000	„ ..	—200.000	
24 ..		34	11,150,000	437	60		—10		03		—13	—7,358,000	„ ..	—1,858,000	
25 ..	1	37	44.925.000	437	70		10		11		—01	—576,000	„ ..	4,924.000	
26 ..	2	55	83,620.000	438	80	1	10		21		89	52,955,000	„ ..	58.455,000	
27 ..	1	19	39,022,000	439	30		50		10		40	24,520,000	„ ..	30,020,000	
28 ..		00	.....	439	30		+00		00		00	0,000,000	„ ..	5,500,000	
29 ..		47	15,412,000	439	40		10		04		06	3,678,000	„ ..	9,178,000	
30 ..	1	42	46,565,000	439	60		20		12		08	4,904,000	„ ..	10,404,000	
	23	72	777,825,000											226,203,000	29 %

Table No. 4—(*continued*).

TULSI LAKE—(*continued*).

Rainfall on and flow of Water from Gathering Ground in June and July 1887.

1	2		3	4		5		6		7		8	9	10	11
1887.	Rainfall.		Volume of Rainfall on the gathering ground of 1450 acres, 1" =32,792,000 gallons.	Height of water in the Lake.		Rise of water in Lake.		Deduct Rainfall on Lake.		Net rise of water in the Lake.		Net increase.	Add for leakage and supply to City.	Total Increase= Volume collected.	Percentage of volume collected to volume of Rainfall. Col. 10. / Col. 3.
	Ins.	Cts.		Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Gallons.	Gallons.	Gallons.	
July 1 ..	0	09		439	70		10		00		10	6,130,000	5½ Millions..	11,630,000	
2 ..	0	00		439	80		10		00		10	6,130,000	„ ..	11,630,000	
3 ..	5	75	188,554,000	442	60	2	80		48	2	32	149,580,000	„ ..	155,080,000	
4 ..	5	95	195,113,000	444	90	2	30		50	1	80	125,320,000	„ ..	130,820,000	
5	5	45	178,717,000	447	40	2	50		45	2	05	150,250,000	„ ..	155,750,000	
6	2	08	67,551,000	448	90	1	50		17	1	33	104,250,000	„ ..	109,750,000	
7 ..	3	10	101,656,000	450	40	1	50		26	1	24	97,960,000	„ ..	103,460,000	
8 ..	3	13	102,639,000	452	00	1	60		26	1	34	105,860,000	„ ..	111,360,000	
9 ..	1	08	35,415,000	453	00	1	00		09		91	73,710,000	„ ..	79,210,000	
10 ..		32	10,494,000	453	50		50		03		47	39,950,000	„ ..	45,450,000	
11 ..		24	7,870,000	453	70		20		02		18	15,300,000	„ ..	20,800,000	
12 ..		35	10,822,000	453	80		10		03		07	5,950,000	„ ..	11,450,000	
13 ..		40	13,117,000	453	90		10		03		07	5,950,000	„ ..	11 450,000	
14 ..		68	22,298,000	454	10		20		06		14	11,900,000	„ ..	17,400,000	
15 ..		12	3,935,000	454	10		00		01		—01	—860,000	„ ..	4.640,000	
16 ..		71	23,282,000	454	10		00		06		—06	—5,160,000	„ ..	340,000	
17 ..		76	24,921,000	454	20		10		06		04	3,440,000	„ ..	8,940,000	
18 ..		31	10,166,900	454	50		30		03		27	23,220,000	„ ..	28,720,000	
19 ..		00		454	60		10		00		10	8,600,000	„ ..	14,100,000	
20 ..		33	10,822,000	454	60		00		03		—03	—2,580,000	„ ..	2,920,000	
21 ..		00		454	60		00		00		00	0,000,000	„ ..	5,500,000	
22 ..		22	72,140,000	454	60		00		02		—02	—1,720,000	„ ..	3,780,000	
23 ..		29	9,509,000	454	60		00		02		—02	—1,720,000	„ ..	3,780,000	
24 ..	2	23	73,126,000	455	00		40		19		21	16,060,000	„ ..	23,560,000	
Lake overflowed July 25th, 1887.															
	33	46	1,097,220,000											1,071,520,000	97·7

Table No. 5.

Shewing Height of Water in and Rainfall at Vehar Lake from 1861 to 1887.

1861.					1862.					1863.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
5 January	256	25	..	..	4 January	259	10	..	..	3 January	257	90	..	..
12 ,,	255	95	..	..	11 ,,	258	80	..	..	10 ,,	257	70	..	..
19 ,,	255	60	..	..	18 ,,	258	60	..	..	17 ,,	257	50	..	..
26 ,,	255	40	..	..	25 ,,	258	30	..	..	24 ,,	257	30	..	..
2 Feb. ..	255	10	..	..	1 Feb. ..	258	10	..	..	31 ,,	257	00	..	..
9 ,, ..	254	90	..	..	8 ,, ..	257	90	..	..	7 Feb. ..	256	80	..	..
16 ,, ..	254	80	..	..	15 ,, ..	257	70	..	..	14 ,, ..	256	60	..	..
23 ,, ..	254	60	..	..	22 ,, ..	257	40	..	..	21 ,, ..	256	30	..	..
2 March .	254	30	..	..	1 March .	257	20	..	..	28 ,, ..	256	10	..	..
9 ,, ..	254	10	..	..	8 ,, ..	256	90	..	..	7 March..	255	80	..	..
16 ,, ..	253	90	..	..	15 ,, ..	256	70	..	..	14 ,, ..	255	60	..	..
23 ,, ..	253	70	..	..	22 ,, ..	256	50	..	..	21 ,, ..	255	30	..	..
30 ,, ..	253	50	..	..	29 ,, ..	256	30	..	..	28 ,, ..	255	00	..	..
6 April ..	253	30	..	..	5 April ..	255	90	..	..	4 April ..	254	60	..	..
13 ,, ..	253	10	..	..	12 ,, ..	255	60	..	..	11 ,, ..	254	30	..	..
20 ,, ..	252	70	..	..	19 ,, ..	255	20	..	..	18 ,, ..	254	10	..	..
27 ,, ..	252	50	..	..	26 ,, ..	254	90	..	..	25 ,, ..	253	90	..	..
4 May ..	252	20	..	..	3 May ..	254	50	..	..	2 May ..	253	60	..	..
11 ,, ..	251	90	..	..	10 ,, ..	254	20	..	..	9 ,, ..	253	30	..	..
18 ,, ..	251	70	..	..	17 ,, ..	253	30	..	..	16 ,, ..	253	00	..	..
25 ,, ..	251	40	..	..	24 ,, ..	252	10	..	..	23 ,, ..	252	70	..	..
1 June ..	251	20	..	..	31 ,, ..	251	80	..	..	30 ,, ..	252	30	..	..
8 ,, ..	252	50	4	40	7 June ..	251	60	..	..	6 June ..	252	00	..	..
15 ,, ..	252	50	0	70	14 ,, ..	251	90	6	..	13 ,, ..	252	10	6	80
22 ,, ..	252	50	0	60	21 ,, ..	253	00	13	70	20 ,, ..	254	70	25	00
29 ,, ..	254	00	5	10	28 ,, ..	252	90	2	50	27 ,, ..	256	20	3	60
			10	80				22	20				35	00
6 July ..	258	00	7	50	5 July ..	252	80	4	20	4 July ..	255	20	1	40
13 ,, ..	258	40	3	20	12 ,, ..	253	60	5	80	11 ,, ..	257	30	13	10
20 ,, ..	261	20	14	10	19 ,, ..	253	50	1	50	18 ,, ..	259	10	10	30
27 ,, ..	262	60	5	70	26 ,, ..	253	40	0	80	25 ,, ..	260	40	14	20
			30	50				12	30				38	00
3 August.	262	60	0	70	2 August.	254	40	7	80	1 August.	261	10	3	60
10 ,, ..	262	60	0	70	9 ,, ..	254	90	4	70	8 ,, ..	261	10	3	90
17 ,, ..	264	00	27	50	16 ,, ..	256	00	9	90	15 ,, ..	261	10	1	10
24 ,, ..	263	50	17	0	23 ,, ..	256	30	2	70	22 ,, ..	263	00	16	30
31 ,, ..	263	50	7	50	30 ,, ..	256	40	2	80	29 ,, ..	262	50	3	80
			53	40				27	90				27	10
7 Sept. ..	262	70	4	50	6 Sept. ..	256	80	2	60	5 Sept. ..	262	50	2	20
14 ,, ..	262	60	3	0	13 ,, ..	257	40	4	30	12 ,, ..	262	80	7	50
21 ,, ..	262	50	1	0	20 ,, ..	259	00	7	60	19 ,, ..	262	60	1	00
28 ,, ..	262	10	..	..	27 ,, ..	259	70	3	50	26 ,, ..	262	70	1	50
			8	50				18	..				3	90
5 October.	262	00	1	20	4 October.	261	10	11	60				14	90
12 ,, ..	262	00	1	0	11 ,, ..	261	00	0	30	3 Oct. ..	262	60	..	..
19 ,, ..	261	80	..	..	18 ,, ..	260	00	2	50	10 ,, ..	262	50	..	..
26 ,, ..	261	50	..	..	25 ,, ..	260	70	0	30	17 ,, ..	262	30	1	00
			2	20				14	70	25 ,, ..	262	00	..	..
2 Nov. ..	261	30	..	..	1 Nov. ..	260	50	..	..	31 ,, ..	261	80	..	..
9 ,, ..	261	10	..	..	8 ,, ..	260	30	..	..				1	00
16 ,, ..	260	80	..	..	15 ,, ..	259	90	..	..	7 Nov. ..	261	50	..	..
23 ,, ..	260	00	..	..	22 ,, ..	259	70	1	30	14 ,, ..	261	20	..	..
30 ,, ..	260	30	..	..	29 ,, ..	259	50	..	..	21 ,, ..	260	90	..	..
7 Dec. ..	260	10	..	..				1	30	28 ,, ..	260	60	..	..
14 ,, ..	259	70	..	..										
21 ,, ..	259	70	..	..	6 Dec. ..	258	00	..	..	5 Dec. ..	260	30	..	..
28 ,, ..	259	30	..	..	13 ,, ..	258	90	..	..	12 ,, ..	260	00	..	..
			105	40	20 ,, ..	258	50	..	..	19 ,, ..	259	70	..	..
					27 ,, ..	258	10	..	..	26 ,, ..	259	40	..	..
								96	40				117	10

Table No. 5—(*contd.*)

Shewing Height of Water in and Rainfall at Vehar Lake from 1861 to 1887.

1864.					1865.					1866.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
2 Jan. ..	259	10	..	..	7 January	254	40	..	..	6 January	257	00	..	..
9 „ ..	258	70	..	..	14 „	254	10	..	..	13 „	256	70	..	..
16 „ ..	258	40	..	..	21 „	253	80	..	..	20 „	256	40	..	..
23 „ ..	258	10	..	..	28 „	253	50	..	..	27 „	256	10	..	..
30 „ ..	257	90	..	..	4 Feb. ..	253	20	..	..	3 Feb. ..	255	80	..	..
6 Feb. .	257	70	..	..	11 „ ..	252	90	..	..	10 „ ..	255	50	..	..
13 „ ..	257	50	..	..	18 „ ..	252	70	..	..	17 „ ..	255	20	..	..
20 „ ..	257	20	..	..	25 „ ..	252	50	..	..	24 „ ..	254	90	..	..
27 „ ..	256	90	..	..	4 March..	252	30	..	..	3 March..	254	60	..	..
5 March..	256	70	..	..	11 „ ..	252	00	..	..	10 „ ..	254	40	..	..
12 „ ..	256	40	..	..	18 „ ..	251	60	..	..	17 „ ..	254	10	..	..
19 „ ..	256	10	..	..	25 „ ..	251	20	..	..	24 „ ..	253	80	..	..
26 „ ..	255	80	..	..	1 April ..	251	80	..	..	31 „ ..	253	50	..	..
2 April ..	255	50	..	..	8 „ ..	250	40	..	..	7 April ..	253	20	..	..
9 „ ..	255	20	..	..	15 „ ..	250	20	..	..	14 „ ..	252	90	..	..
16 „ ..	254	90	..	..	22 „ ..	250	00	..	..	21 „ ..	252	60	..	..
23 „ ..	254	60	..	..	29 „ ..	249	70	..	..	28 „ ..	252	30	..	..
30 „ ..	254	30	..	..	6 May ..	249	30	..	..	5 May ..	252	00	..	..
7 May ..	253	90	..	..	13 „ ..	248	90	..	..	12 „ ..	251	60	..	..
14 „ ..	254	00	..	..	20 „ ..	248	50	..	..	19 „ ..	251	20	..	..
21 „ ..	253	10	..	..	27 „ ..	248	10	..	..	26 „ ..	250	80	..	..
28 „ ..	252	80	..	..	3 June ..	247	70	..	..	2 June ..	250	40	..	..
4 June ..	252	40	..	..	10 „ ..	247	50	2	20	9 „ ..	250	00	..	..
11 „ ..	252	10	..	..	17 „ ..	248	10	7	70	16 „ ..	249	90	00	80
18 „ ..	251	80	00	30	24 „ ..	247	90	00	60	23 „ ..	251	00	8	20
25 „ ..	252	70	16	00						30 „ ..	250	80	00	30
								10	50					
			16	30									9	30
2 July ..	254	60	17	30	1 July ..	248	20	8	90					
9 „ ..	254	60	1	50	8 „ ..	251	20	18	60	7 July ..	251	10	3	10
16 „ ..	255	90	13	30	15 „ ..	251	70	1	80	14 „ ..	252	30	8	90
23 „ ..	256	30	3	70	22 „ ..	251	40	00	30	21 „ ..	253	90	5	80
30 „ ..	256	80	1	80	29 „ ..	251	50	2	70	28 „ ..	256	50	10	60
								32	30					
			37	60									28	40
6 August.	256	60	3	20	5 August.	252	30	4	90	4 August.	260	50	19	50
13 „ ..	256	70	8	00	12 „ ..	252	40	1	00	11 „ ..	262	60	9	10
20 „ ..	258	30	5	70	19 „ ..	256	70	19	30	18 „ ..	262	30	2	90
27 „ ..	258	50	2	80	26 „ ..	260	00	12	80	25 „ ..	261	90	2	10
								38	0					
			19	70									33	60
3 Sept. ..	259	10	5	50	2 Sept. ..	260	70	2	70	1 Sept. ..	261	80	1	90
10 „ ..	259	20	1	50	9 „ ..	260	80	..	..	8 „ ..	261	60	00	40
17 „ ..	259	30	00	40	16 „ ..	260	70	2	20	15 „ ..	261	50	1	40
24 „ ..	259	20	2	20	23 „ ..	260	90	1	10	22 „ ..	261	30	..	..
					30 „ ..	260	70	..	..	29 „ ..	261	20	..	..
			9	60				6	00				3	70
1 October	258	80	..	..	7 October.	260	70	1	70	6 October.	261	00	..	..
8 „ ..	258	50	..	..	14 „ ..	260	50	00	30	13 „ ..	260	80	..	..
15 „ ..	258	20	..	..	21 „ ..	260	20	..	..	20 „ ..	260	60	..	..
22 „ ..	257	80	..	..	28 „ ..	258	90	..	..	27 „ ..	260	10	..	..
29 „ ..	257	50	..	..						2 Nov. ..	260	00	..	..
								2	00	10 „ ..	259	50	..	..
5 Nov. ..	257	10	..	..						17 „ ..	258	70	..	..
12 „ ..	257	10	..	..	4 Nov. ..	259	70	..	..	24 „ ..	258	60	..	..
19 „ ..	256	50	..	..	11 „ ..	259	50	..	..	1 Dec. ..	258	20	..	..
26 „ ..	256	20	..	..	18 „ ..	259	20	..	..	8 „ ..	258	00	..	..
					25 „ ..	258	80	..	..	15 „ ..	257	80	..	..
3 Dec. ..	255	90	..	..	2 Dec. ..	258	50	..	..	22 „ ..	257	50	..	..
10 „ ..	255	60	..	..	9 „ ..	258	20	..	..	29 „ ..	257	30	..	..
17 „ ..	255	30	..	..	16 „ ..	257	90	..	..					
24 „ ..	255	00	..	..	23 „ ..	257	60	..	..					
31 „ ..	254	70	..	..	30 „ ..	257	40	..	..					
													75	00
			83	20				88	80					

Table No. 5—(*contd.*)

Shewing Height of Water in and Rainfall at Vehar Lake from 1861 to 1887.

1867.					1868.					1869.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
5 January	256	90	..	..	4 January	258	10	..	..	2 January	256	80	..	..
12 "	256	60	..	..	11 "	257	80	..	..	9 "	256	50	..	..
19 "	256	30	..	..	18 "	257	50	..	..	16 "	256	20	..	..
26 "	256	00	..	..	25 "	257	20	..	..	23 "	255	90	..	..
2 Feb. ..	255	70	..	..	1 Feb. ..	256	90	..	..	30 "	255	60	..	..
9 " ..	255	50	..	..	8 " ..	256	60	..	..	6 Feb. ..	255	30	..	..
16 " ..	255	20	..	..	15 " ..	256	30	..	..	13 " ..	255	00	..	..
23 " ..	254	90	..	..	22 " ..	256	00	..	..	20 " ..	254	70	..	..
2 March..	254	60	..	..	29 " ..	255	70	..	..	27 " ..	254	40	..	..
9 " ..	254	30	..	..	7 March..	255	40	..	..	6 March..	254	10	..	..
16 " ..	254	00	..	..	14 " ..	255	10	..	..	13 " ..	253	80	..	..
23 " ..	253	70	..	..	21 " ..	254	80	..	..	20 " ..	253	50	..	..
30 " ..	253	40	..	..	28 " ..	254	50	..	..	27 " ..	253	20	..	..
6 April ..	253	10	..	..	4 April ..	254	20	..	..	3 April ..	252	80	..	..
13 " ..	252	80	..	..	11 " ..	253	90	..	..	10 " ..	252	50	..	..
20 " ..	252	50	..	..	18 " ..	253	60	..	..	17 " ..	252	20	..	..
27 " ..	252	10	..	..	25 " ..	253	10	..	..	24 " ..	251	90	..	..
4 May ..	251	70	..	..	2 May ..	252	70	..	..	1 May ..	251	50	..	..
11 " ..	251	30	..	..	9 " ..	252	30	..	..	8 " ..	251	20	..	..
18 " ..	251	00	..	..	16 " ..	251	90	..	..	15 " ..	250	80	..	..
25 " ..	250	70	..	..	23 " ..	251	60	..	..	22 " ..	250	50	..	..
1 June ..	250	40	..	..	30 " ..	251	30	..	..	29 " ..	250	20	..	..
8 " ..	250	10	..	..	6 June ..	251	00	0	30	5 June ..	249	90	0	70
15 " ..	249	90	0	80	13 " ..	252	50	9	60	12 " ..	249	60	0	60
22 " ..	249	70	1	30	20 " ..	253	00	4	00	19 " ..	249	80	5	30
29 " ..	250	20	7	80	27 " ..	253	10	3	30	26 " ..	250	00	4	20
			9	90				17	20				10	80
6 July ..	251	30	7	60	4 July ..	253	50	4	30	3 July ..	250	50	3	70
13 " ..	251	30	0	50	11 " ..	253	40	..	50	10 " ..	250	50	1	86
20 " ..	255	70	27	00	18 " ..	256	50	14	20	17 " ..	252	90	13	88
27 " ..	256	10	3	60	25 " ..	257	10	3	80	24 " ..	255	30	10	00
			38	70				22	80	31 " .	256	90	2	32
													31	76
3 August.	256	50	2	50	1 August.	258	40	6	90					
10 "	257	10	2	90	8 " ..	258	70	2	20	7 August..	255	80	0	39
17 "	259	50	12	30	15 " ..	261	00	11	20	14 " ..	256	10	3	89
24 "	260	30	1	20	22 " ..	261	00	1	00	21 " ..	256	60	5	80
31 "	260	40	0	90	29 " ..	261	00	1	00	28 " ..	257	20	2	18
			19	80				22	30				12	26
7 Sept. ..	260	50	1	20	5 Sept. ..	261	10	3	20	4 Sept. .	259	90	13	70
14 " ..	260	60	0	80	12 " ..	261	10	1	10	11 " ..	260	10	1	56
21 " ..	260	70	1	50	19 " ..	261	00	0	90	18 " ..	260	90	7	25
27 " ..	260	80	1	60	26 " ..	260	90	2	20	25 " ..	261	70	4	87
			5	10				7	40				27	38
5 Oct. ..	261	10	3	40	3 Oct. ..	260	70	0	20	2 October.	262	80	3	30
12 " ..	261	00	..	..	10 " ..	260	40	0	30	9 " ..	262	40	0	19
19 " ..	261	10	2	10	17 " ..	260	10	..	..	16 " ..	262	20	..	..
26 " ..	261	00	0	90	24 " ..	259	80	..	..	23 " ..	261	90	..	..
			6	40	31 " ..	259	50	..	..	30 " ..	261	60	..	..
								0	50				3	49
2 Nov. ..	260	80	..	..	7 Nov. ..	259	20	..	..	6 Nov. ..	261	40	..	..
9 " ..	260	50	..	..	14 " ..	258	90	..	..	13 " ..	261	10	..	..
16 " ..	260	10	..	..	21 " ..	258	50	..	..	20 " ..	260	80	..	..
23 " ..	259	80	..	..	28 " ..	258	20	..	..	27 " ..	260	50	..	..
30 " ..	259	50	..	..	5 Dec. ..	257	90	..	..	4 Dec. ..	260	20	..	..
7 Dec. ..	259	20	..	..	12 " ..	257	60	..	..	11 " ..	259	90	..	..
14 " ..	258	90	..	..	19 " ..	257	30	..	..	18 " ..	259	60	..	..
21 " ..	258	60	..	..	26 " ..	257	00	..	..	25 " ..	259	30	..	..
28 " ..	258	30	..	..										
			79	90				70	20				91	69

Table No. 5—(*contd.*)

Shewing Height of Water in and Rainfall at Vehar Lake from 1861 to 1887.

1870.					1871.					1872.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cnts.	Inches.	Cents.		Feet.	Cnts.	Inches.	Cents.		Feet.	Cnts.	Inches.	Cents.
1 Jan. ..	259	00	..	..	7 Jan. ..	256	60	..	..	6 January	247	50	.	..
8 ,, ..	258	70	..	..	14 ,, ..	256	30	..	..	13 ,, ..	247	20	..	..
15 ,, ..	258	50	..	..	21 ,, ..	256	10	..	75	20 ,, ..	246	80	..	..
22 ,, ..	258	20	..	..	28 ,, ..	255	80	..	..	27 ,, ..	246	50	..	..
29 ,, ..	257	90	..	..				..	75	3 Feb. ..	246	20	..	..
5 Feb. ..	257	60	..	..						10 ,, ..	245	80	..	..
12 ,, ..	257	30	..	..	4 Feb. ..	255	90	..	..	17 ,, ..	245	50	..	..
19 ,, ..	257	00	..	..	11 ,, ..	255	20	..	..	24 ,, ..	245	10	..	..
26 ,, ..	256	70	..	..	18 ,, ..	254	90	..	..	2 Mar. ..	244	80	..	..
5 March. .	256	40	..	..	25 ,, ..	254	60	..	..	9 ,, ..	244	40	..	..
12 ,, ..	256	10	..	..	4 March ..	254	30	..	..	16 ,, ..	244	00	..	..
19 ,, ..	255	80	..	..	11 ,, ..	253	90	..	..	23 ,, ..	243	60	..	..
26 ,, ..	255	40	..	..	18 ,, ..	253	50	..	..	30 ,, ..	243	30	..	..
2 April ..	255	00	..	..	25 ,, ..	253	10	..	..	6 Apr. ..	243	00	..	..
9 ,, ..	254	70	..	..	1 April ..	252	80	..	..	13 ,, ..	242	60	..	..
16 ,, ..	254	40	..	..	8 ,, ..	252	50	..	..	20 ,, ..	242	20	..	..
23 ,, ..	254	00	..	..	15 ,, ..	252	20	..	..	27 ,, ..	241	80	..	..
30 ,, ..	253	60	..	..	22 ,, ..	251	90	..	..	4 May ..	241	40	..	..
7 May ..	253	30	..	..	29 ,, ..	251	50	..	..	11 ,, ..	241	00	..	..
14 ,, ..	252	90	..	..	6 May ..	251	10	..	..	18 ,, ..	240	70	..	..
21 ,, ..	252	60	..	..	13 ,, ..	250	70	..	..	25 ,, ..	240	30	..	..
28 ,, ..	252	30	..	..	20 ,, ..	250	70	3	33	1 June ..	239	90	..	..
4 June ..	251	90	..	..	27 ,, ..	250	40	..	..	8 ,, ..	239	50	..	..
11 ,, ..	251	90	..	..				3	33	15 ,, ..	239	20	0	31
18 ,, ..	254	10	3	21						22 ,, ..	239	50	7	48
25 ,, ..	255	30	14	21	3 June ..	250	00	..	..	29 ,, ..	243	10	15	09
			8	44	10 ,, ..	249	90	1	51					
			25	86	17 ,, ..	249	70	1	55				22	88
2 July ..	255	40	2	53	24 ,, ..	249	60	2	86					
9 ,, ..	255	80	2	21				5	92	6 July ..	243	20	1	77
16 ,, ..	257	20	9	91	1 July ..	249	40	0	31	13 ,, ..	243	90	2	59
23 ,, ..	260	00	8	66	8 ,, ..	249	30	1	64	20 ,, ..	247	80	13	23
30 ,, ..	260	70	1	85	15 ,, ..	249	70	5	78	27 ,, ..	250	30	7	26
			25	16	22 ,, ..	249	90	3	8				24	85
6 Aug. ..	260	90	1	40	29 ,, ..	250	40	3	32					
13 ,, ..	261	00	2	36				14	13	3 Aug. ..	250	90	1	31
20 ,, ..	261	00	1	20	5 Aug. ..	250	70	2	86	10 ,, ..	251	50	2	57
27 ,, ..	261	20	1	68	12 ,, ..	251	00	2	05	17 ,, ..	252	40	2	54
			6	64	19 ,, ..	251	40	2	25	24 ,, ..	253	10	2	18
3 Sept. ..	261	00	0	74	26 ,, ..	251	10	..	..	31 ,, ..	253	70	1	79
10 ,, ..	260	80	..	..				7	16				10	39
17 ,, ..	260	60	0	93	2 Sept. ..	251	60	4	0	7 Sept. ..	253	90	0	85
24 ,, ..	260	60	0	66	9 ,, ..	251	70	1	10	14 ,, ..	254	20	3	52
			2	33	16 ,, ..	251	90	1	72	21 ,, ..	254	60	1	88
1 Oct. ..	260	50	0	78	23 ,, ..	251	80	0	31	28 ,, ..	254	80	1	10
8 ,, ..	260	30	0	78	30 ,, ..	251	80	0	85				7	35
15 ,, ..	260	30	2	50				7	98					
22 ,, ..	260	00	..	..	7 Oct. ..	251	50	..	..	5 Oct. ..	254	80	0	46
29 ,, ..	259	70	0	92	14 ,, ..	251	30	0	17	12 ,, ..	254	60	..	..
			4	98	21 ,, ..	250	90	..	..	19 ,, ..	254	30	..	..
					28 ,, ..	250	40	..	..	26 ,, ..	254	00	..	..
5 Nov. ..	259	40						0	17				0	46
12 ,, ..	259	10	..	..	4 Nov. ..	250	20	..	..					
19 ,, ..	258	80	..	..	11 ,, ..	249	90	..	..	2 Nov. ..	253	60	..	..
26 ,, ..	258	50	..	..	18 ,, ..	249	70	1	45	9 ,, ..	253	30	..	..
3 Dec. ..	258	10	..	..	25 ,, ..	249	50	..	..	16 ,, ..	252	90	..	..
10 ,, ..	257	80	..	..				1	45	23 ,, ..	252	50	..	..
17 ,, ..	257	50	..	..	2 Dec. ..	249	20	..	..	30 ,, ..	252	20	..	..
24 ,, ..	257	20	..	..	9 ,, ..	248	80	..	..	7 Dec. ..	251	80	..	..
31 ,, ..	257	00	..	..	16 ,, ..	248	50	..	..	14 ,, ..	251	50	..	..
			..	..	23 ,, ..	248	10	..	..	21 ,, ..	251	20	..	..
			64	97	30 ,, ..	247	80	..	..	28 ,, ..	250	90	..	..
								40	89				65	93

Table No. 5—(*contd.*)

Shewing Height of Water in and Rainfall at Vehar Lake from 1861 to 1887.

1873.					1874.					1875.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
4 January	250	70	..	..						2 January	258	20	..	..
11 "	250	40	..	..	3 January	259	10	..	..	9 "	257	90	..	..
18 "	250	10	..	..	10 " ..	258	80	..	..	16 " ..	257	60	..	..
25 "	249	70	..	..	17 " ..	258	50	..	..	23 " ..	257	20	..	..
1 Feb. ..	249	40	..	..	24 " ..	258	10	..	..	30 " ..	256	90	..	..
8 " ..	249	10	..	..	31 " ..	257	80	..	..	6 Feb. ..	256	50	..	..
15 " ..	248	70	..	..	7 Feb. ..	257	50	..	..	13 " ..	256	20	..	..
22 " ..	248	30	..	..	14 " ..	257	20	..	..	20 " ..	255	90	..	..
1 March ..	248	00	..	..	21 " ..	256	90	..	..	27 " ..	255	60	..	..
8 " ..	247	70	..	..	28 " ..	256	60	..	..	6 March ..	255	20	..	..
15 " ..	247	30	..	..	7 March ..	256	20	..	..	13 " ..	254	90	..	..
22 " ..	246	90	..	..	14 " ..	255	90	..	..	20 " ..	254	50	..	..
29 " ..	246	60	..	..	21 " ..	255	50	..	..	27 " ..	254	20	..	..
5 April ..	246	30	..	..	28 " ..	255	20	..	..	3 April ..	253	90	..	..
12 " ..	246	00	..	..	4 April ..	254	80	..	..	10 " ..	253	60	..	..
19 " ..	245	60	..	..	11 " ..	254	50	..	..	17 " ..	253	20	..	..
26 " ..	245	20	..	..	18 " ..	254	10	..	..	24 " ..	252	80	..	..
3 May. ..	244	80	..	..	25 " ..	253	80	..	..	1 May ..	252	50	..	..
10 " ..	244	50	..	..	2 May ..	253	40	..	..	8 " ..	252	10	..	..
17 " ..	244	10	..	..	9 " ..	253	00	..	..	15 " ..	251	80	..	..
24 " ..	243	70	..	..	16 " ..	252	70	..	..	22 " ..	251	50	..	..
31 " ..	243	50	1	15	23 " ..	252	40	..	..	29 " ..	251	10	..	..
			1	15	30 " ..	252	00	..	..	5 June ..	250	70	..	..
					6 June ..	251	80	0	65	12 " ..	250	50	1	16
					13 " ..	251	60	3	13	19 " ..	251	00	5	29
					20 " ..	250	50	11	54	26 " ..	255	90	21	74
7 June ..	243	70	5	34	27 " ..	254	80	4	22					
14 " ..	245	00	8	62									28	19
21 " ..	244	90	0	44				19	54					
28 " ..	245	20	4	48						3 July ..	255	00	1	12
			18	88	4 July ..	254	60	1	14	10 " ..	257	50	2	07
					11 " ..	255	80	5	55	17 " ..	259	60	5	79
5 July ..	248	90	12	82	18 " ..	260	10	12	70	24 " ..	261	20	1	82
12 " ..	251	30	6	02	25 " ..	265	70	26	92	31 " ..	262	50	4	59
19 " ..	251	80	0	90										
26 " ..	252	60	2	73				46	31				15	99
			22	52	1 August.	264	10	7	09	7 August.	262	50	1	49
					8 " ..	262	80	4	16	14 " ..	262	50	5	34
2 August..	253	80	1	66	15 " ..	262	50	1	26	21 " ..	262	40	0	22
9 " ..	253	60	1	63	22 " ..	262	50	2	12	28 " ..	262	40	1	34
16 " ..	253	80	0	65	29 " ..	262	60	2	37					
23 " ..	253	80	2	03									8	39
30 " ..	260	10	19	22				17	00					
			25	19	5 Sept. ..	262	40	1	12	4 Sept. ..	262	70	5	38
					12 " ..	262	20	0	71	11 " ..	262	60	2	97
					19 " ..	262	90	7	23	18 " ..	262	70	6	36
6 Sept. ..	263	00	6	78	26 " ..	262	50	1	82	25 " ..	262	70	5	77
13 " ..	263	55	2	77									20	48
20 " ..	263	30	0	55				10	88					
27 " ..	263	80	5	88						2 Oct. ..	262	40	1	20
			15	98	3 Oct. ..	262	30	..	..	9 " ..	262	20	..	..
					10 " ..	262	10	..	..	16 " ..	261	90	..	..
4 Oct. ..	263	40	..	..	17 " ..	261	80	..	..	23 " ..	261	50	..	..
11 " ..	263	00	..	..	24 " ..	261	40	..	..	30 " ..	261	10	..	..
18 " ..	262	70	..	..	31 " ..	261	10	..	..					
25 " ..	262	40	..	..									1	20
1 Nov. ..	262	10	..	..	7 Nov. ..	260	80	..	..					
8 " ..	261	70	..	..	14 " ..	260	40	..	..	6 Nov. ..	260	80	..	..
15 " ..	261	40	..	..	21 " ..	260	10	..	..	13 " ..	260	50	..	..
22 " ..	261	10	..	..	28 " ..	259	70	..	..	20 " ..	260	20	..	..
29 " ..	260	70	..	..						27 " ..	259	80	..	..
6 Dec. ..	260	40	..	..	5 Dec. ..	259	40	..	..	4 Dec. ..	259	50	..	..
13 " ..	260	00	..	..	12 " ..	259	10	..	..	11 " ..	259	20	..	..
20 " ..	259	70	..	..	19 " ..	258	80	..	..	18 " ..	258	80	..	..
27 " ..	259	40	..	..	26 " ..	258	50	..	..	25 " ..	258	50	..	..
			83	72				93	73				74	25

Table No. 5—(*contd.*)

Shewing Height of Water in and Rainfall at Vehar Lake from 1861 to 1887.

1876.						1877.						1878.					
Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.		
	Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.	
1 January	258	20	..	..		6 January	257	60	..	..		5 January	255	30	..	..	
8 ,,	257	90	..	..		13 ,,	257	30	..	..		12 ,,	255	00	..	..	
15 ,,	257	60	..	..		20 ,,	257	00	..	..		19 ,,	254	70	..	..	
22 ,,	257	30	..	..		27 ,,	256	70	..	..		26 ,,	254	40	..	..	
29 ,,	257	00	..	..		3 Feb. ..	256	40	..	..		2 Feb. ..	254	10	..	..	
5 Feb. ..	256	70	..	..		10 ,, ..	256	20	..	..		9 ,, ..	253	80	..	..	
12 ,, ..	256	40	..	..		17 ,, ..	255	90	..	..		16 ,, ..	253	50	..	..	
19 ,, ..	256	10	..	..		24 ,, ..	255	60	..	..		23 ,, ..	253	20	..	..	
26 ,, ..	255	80	..	..		3 March ..	255	40	..	..		2 March ..	252	90	..	..	
4 March ..	255	40	..	..		10 ,, ..	255	00	..	..		9 ,, ..	252	50	..	..	
11 ,, ..	255	10	..	..		17 ,, ..	254	70	..	—		16 ,, ..	252	20	..	..	
18 ,, ..	254	80	..	..		24 ,, ..	254	40	..	..		23 ,, ..	251	90	..	..	
25 ,, ..	254	40	..	..		31 ,, ..	254	10	..	..		30 ,, ..	251	50	..	..	
1 April ..	254	10	..	..		7 April ..	253	70	..	..		6 April ..	251	10	..	..	
8 ,, ..	253	70	..	..		14 ,, ..	253	40	..	..		13 ,, ..	250	80	..	..	
15 ,, ..	253	40	..	..		21 ,, ..	253	10	..	..		20 ,, ..	250	40	..	..	
22 ,, ..	253	10	..	..		28 ,, ..	252	70	..	..		27 ,, ..	250	00	..	..	
29 ,, ..	252	70	..	..		5 May ..	252	40	..	..		4 May ..	249	60	..	..	
6 May ..	252	40	..	..		12 ,, ..	252	00	..	..		11 ,, ..	249	30	..	..	
13 ,, ..	252	00	..	..		19 ,, ..	251	60	..	..		18 ,, ..	248	90	..	..	
20 ,, ..	251	60	..	..		26 ,, ..	251	20	..	..		25 ,, ..	248	50	..	..	
27 ,, ..	251	20	..	..		2 June ..	250	80	..	..		1 June ..	248	10	..	..	
3 June ..	250	90	..	..		9 ,, ..	250	50	..	..		8 ,, ..	247	70	..	..	
10 ,, ..	250	50	0	13		16 ,, ..	250	20	0	76		15 ,, ..	247	40	1	33	
17 ,, ..	250	70	4	27		23 ,, ..	251	30	15	68		22 ,, ..	248	40	3	73	
21 ,, ..	250	90	4	23		30 ,, ..	251	80	3	47		29 ,, ..	249	80	11	60	
			8	63					19	91					21	66	
1 July ..	250	80	2	92								6 July ..	254	40	18	18	
8 ,, ..	255	70	14	48		7 July ..	251	60	0	54		13 ,, ..	255	30	4	01	
15 ,, ..	256	00	5	15		14 ,, ..	251	80	3	45		20 ,, ..	257	10	7	51	
22 ,, ..	259	30	4	29		21 ,, ..	252	70	4	60		27 ,, ..	262	90	18	71	
29 ,, ..	262	70	10	06		28 ,, ..	252	50	0	76							
			36	90					9	35					48	41	
5 August.	262	40	0	78		4 August.	253	40	4	28		3 August.	262	90	6	81	
12 ,, ..	262	30	1	01		11 ,, ..	253	30	1	58		10 ,, ..	262	90	5	48	
19 ,, ..	262	20	1	15		18 ,, ..	253	50	1	00		17 ,, ..	262	80	9	11	
26 ,, ..	262	00	1	63		25 ,, ..	253	30	0	57		24 ,, ..	262	70	3	11	
			4	57					7	43		31 ,, ..	262	30	..	19	
															24	70	
2 Sept. ..	262	50	4	38		1 Sept. ..	255	30	11	75		7 Sept. ..	262	30	1	23	
9 ,, ..	262	50	1	66		8 ,, ..	255	30	0	91		14 ,, ..	262	50	4	45	
16 ,, ..	262	50	1	82		15 ,, ..	255	30	2	03		21 ,, ..	263	40	17	02	
23 ,, ..	262	50	7	72		22 ,, ..	255	20	..	..		28 ,, ..	262	50	0	82	
30 ,, ..	262	30	..	..		29 ,, ..	257	20	2	45					23	52	
			15	58					17	14		5 Oct. ..	262	30	1	20	
7 Oct. ..	262	00	..	..		6 October.	258	00	4	50		12 ,, ..	262	10	..	..	
14 ,, ..	261	70	..	..		13 ,, ..	258	70	2	97		19 ,, ..	261	80	..	..	
21 ,, ..	261	30	..	..		20 ,, ..	258	60	1	41		26 ,, ..	261	50	..	..	
28 ,, ..	260	90	..	..		27 ,, ..	258	40	..	..					1	20	
4 Nov. ..	260	50							8	88		2 Nov. ..	261	30	1	30	
11 ,, ..	260	40	..	..								9 ,, ..	261	10	..	..	
18 ,, ..	260	00	..	..		3 Nov. ..	258	10	..	..		16 ,, ..	260	80	..	..	
25 ,, ..	259	60	..	..		10 ,, ..	257	80	..	..		23 ,, ..	260	60	..	..	
						17 ,, ..	257	40	..	..		30 ,, ..	260	30	..	..	
2 Dec. ..	259	30	..	..		24 ,, ..	257	10	..	..					1	30	
9 ,, ..	258	90	..	..													
16 ,, ..	258	60	..	..		1 Dec. ..	256	80	..	..		7 Dec. ..	260	00	..	..	
23 ,, ..	258	20	..	..		9 ,, ..	256	50	..	..		14 ,, ..	259	60	..	..	
30 ,, ..	257	90	..	..		15 ,, ..	256	20	..	..		21 ,, ..	259	20	..	..	
						22 ,, ..	255	90	..	..		28 ,, ..	258	90	..	..	
						29 ,, ..	255	60	..	..							
			65	68					62	71					120	79	

Table No. 5—(*contd.*)

Shewing Height of Water in and Rainfall at Vehar Lake from 1861 to 1887.

1879.					1880.					1881.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
4 January	258	6	..	..						1 January	257	0	..	..
11 ,,	258	3	..	..	3 January	257	5	..	..	8 ,,	256	7	..	..
18 ,,	258	0	..	..	10 ,, ..	257	2	..	..	15 ,,	256	4	..	..
25 ,,	257	7	..	..	17 ,, ..	256	9	..	..	22 ,,	256	0	..	..
1 Feb. ..	257	3	..	..	24 ,, ..	256	5	..	..	29 ,,	255	4	..	..
8 ,, ..	256	9	..	..	31 ,, ..	256	3	..	..	5 Feb. ..	255	3	..	..
15 ,, ..	256	6	..	..	7 Feb. ..	255	9	..	..	12 ,, ..	255	0	..	..
22 ,, ..	256	3	..	..	14 ,, ..	255	6	..	..	19 ,, ..	254	7	..	..
1 March .	256	1	..	..	21 ,, ..	255	3	..	..	26 ,, ..	254	3	..	..
8 ,, ..	255	8	..	..	28 ,, ..	255	0	..	..	5 March..	254	0	..	..
15 ,, ..	255	5	..	..	6 March..	254	6	..	..	12 ,, ..	253	7	..	..
22 ,, ..	255	1	..	..	13 ,, ..	254	3	..	..	19 ,, ..	253	4	..	..
29 ,, ..	254	7	..	..	20 ,, ..	254	0	..	..	26 ,, ..	253	0	..	..
5 April ..	254	4	..	..	27 ,, ..	253	6	..	..	2 April ..	252	7	..	..
12 ,, ..	254	1	..	..	3 April ..	253	3	..	..	9 ,, ..	252	4	..	..
19 ,, ..	253	8	..	..	10 ,, ..	252	9	..	..	16 ,, ..	252	0	..	..
26 ,, ..	253	4	..	..	17 ,, ..	252	6	..	..	23 ,, ..	251	6	..	..
3 May ..	253	1	..	..	24 ,, ..	252	0	..	..	30 ,, ..	251	2	..	..
10 ,, ..	252	7	..	..	1 May ..	251	8	..	..	7 May ..	250	9	..	..
17 ,, ..	252	3	..	..	8 ,, ..	251	4	..	..	14 ,, ..	250	5	..	..
24 ,, ..	251	9	..	..	15 ,, ..	251	0	..	..	21 ,, ..	250	2	..	..
31 ,, ..	251	9	3	04	22 ,, ..	250	8	..	..	28 ,, ..	249	8	..	..
			3	04	29 ,, ..	250	2	..	..	4 June ..	249	4	0	13
					5 June ..	249	8	..	..	11 ,, ..	249	6	6	05
7 June ..	251	6	0	37	12 ,, ..	250	0	4	50	18 ,, ..	249	4	2	35
14 ,, ..	251	8	5	59	19 ,, ..	249	6	..	..	25 ,, ..	249	4	2	02
21 ,, ..	253	1	7	28	26 ,, ..	250	3	8	58					
28 ,, ..	254	6	9	96				13	08				10	55
			23	20						2 July ..	250	0	4	99
					3 July ..	253	4	14	42	9 ,, ..	250	9	5	43
5 July ..	255	3	2	32	10 ,, ..	254	6	6	52	16 ,, ..	253	0	6	98
12 ,, ..	255	2	0	49	17 ,, ..	255	5	3	35	23 ,, ..	253	4	1	51
19 ,, ..	255	1	1	16	24 ,, ..	255	7	2	05	30 ,, ..	253	7	2	65
26 ,, ..	254	9	0	48	31 ,, ..	255	9	1	08					
			4	45				27	42				21	56
										6 August..	256	5	9	60
2 August..	258	3	18	34	7 August.	256	2	2	50	13 ,, ..	257	4	4	25
9 ,, ..	261	6	8	96	14 ,, ..	256	3	1	48	20 ,, ..	257	7	1	70
16 ,, ..	262	9	4	63	21 ,, ..	256	1	0	35	27 ,, ..	257	8	1	32
23 ,, ..	262	8	5	45	28 ,, ..	256	0	1	94					
30 ,, ..	262	6	3	38									16	87
			40	76				6	27					
					4 Sept. ..	255	8	0	61	3 Sept. ..	257	7	1	78
6 Sept. ..	262	4	0	71	11 ,, ..	256	1	4	17	10 ,, ..	257	6	0	57
13 ,, ..	262	6	1	62	18 ,, ..	255	7	17	57	17 ,, ..	257	9	2	63
20 ,, ..	262	3	0	88	25 ,, ..	261	1	1	41	24 ,, ..	257	8	0	90
27 ,, ..	262	1	0	83										
			4	04				23	76				5	88
					2 Oct. ..	260	9	..	..	1 Oct. ..	257	7	1	07
4 Oct. ..	261	9	0	55	9 ,, ..	260	7	..	..	8 ,, ..	258	2	3	17
11 ,, ..	261	7	..	..	16 ,, ..	260	4	..	..	15 ,, ..	258	0	0	..
18 ,, ..	261	4	..	..	23 ,, ..	260	2	1	89	22 ,, ..	257	7	0	..
25 ,, ..	261	0	..	..	30 ,, ..	259	9	..	..	29 ,, ..	257	4	0	..
			0	55				1	89				4	24
										5 Nov. ..	257	0	..	..
1 Nov. ..	260	7	..	..	6 Nov. ..	259	6	..	..	12 ,, ..	256	7	..	..
8 ,, ..	260	4	..	..	13 ,, ..	259	3	..	..	19 ,, ..	256	3	..	..
15 ,, ..	260	0	..	..	20 ,, ..	258	9	..	..	26 ,, ..	255	9	..	..
22 ,, ..	259	6	..	..	27 ,, ..	258	6	..	..	3 Dec. ..	255	6	..	..
29 ,, ..	259	2	..	..	4 Dec. ..	258	3	..	..	10 ,, ..	255	3	..	..
6 Dec. ..	258	8	..	..	11 ,, ..	257	9	..	..	17 ,, ..	254	9	..	..
13 ,, ..	258	5	..	..	18 ,, ..	257	6	..	..	24 ,, ..	254	6	..	..
20 ,, ..	258	2	..	..	25 ,, ..	257	3	..	..	31 ,, ..	254	2	..	..
27 ,, ..	257	8	..	..										
			76	04				72	42				59	10

Table No. 5—(*contd.*)

Showing Height of Water in and Rainfall at Vehar Lake from 1861 to 1887.

1882.						1883.						1884.					
Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.		
	Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.	
7 January	253	80	..	..		5 January	250	70	..	..		4 January	259	10	..	..	
14 " ..	253	55	..	..		12 "	250	40	..	..		11 " ..	258	80	..	..	
20 " ..	253	30	..	..		19 "	250	10	..	..		18 " ..	258	50	..	..	
27 " ..	252	90	..	..		26 "	249	80	..	..		25 " ..	258	30	..	..	
3 Feb. ..	252	60	..	..		2 Feb. ..	249	40	..	..		1 Feb. ..	258	00	..	..	
10 " ..	252	30	..	..		9 " ..	249	10	..	..		8 " ..	257	70	..	..	
17 " ..	252	00	..	..		16 " ..	248	80	..	..		15 " ..	257	40	..	..	
24 " ..	251	60	..	..		23 " ..	248	40	..	..		22 " ..	257	10	..	..	
3 March .	251	30	..	..		2 March .	248	10	..	..		29 " ..	256	80	..	..	
10 " ..	251	00	..	..		9 " ..	247	80	..	..		7 March ..	256	50	..	..	
17 " ..	250	60	..	..		16 " ..	247	40	..	..		14 " ..	256	10	..	..	
24 " ..	250	30	..	..		23 " ..	247	10	..	..		21 " ..	255	80	..	..	
31 " ..	249	90	..	..		30 " ..	246	70	..	..		28 " ..	255	40	..	..	
7 April ..	249	60	..	..		6 April ..	246	40	..	..		4 April ..	255	00	..	..	
14 " ..	249	20	..	..		13 " ..	246	10	..	..		11 " ..	254	60	..	..	
21 " ..	248	80	..	..		20 " ..	245	70	..	..		18 " ..	254	30	..	..	
28 " ..	248	40	..	..		27 " ..	245	40	..	..		25 " ..	253	90	..	..	
5 May ..	248	10	..	..		4 May ..	245	10	..	..		2 May ..	253	60	..	..	
12 " ..	247	70	..	..		11 " ..	244	70	..	..		9 " ..	253	30	..	..	
19 " ..	247	20	..	..		18 " ..	244	40	..	..		16 " ..	253	00	..	..	
26 " ..	246	80	..	..		25 " ..	244	00	..	..		23 " ..	252	60	..	..	
2 June ..	246	40	..	..		1 June ..	243	60	..	..		30 " ..	252	30	..	..	
9 " ..	247	90	11	79		8 " ..	243	30	6	01		6 June ..	251	90	..	..	
16 " ..	249	50	7	54		15 " ..	243	10	3	44		13 " ..	251	60	0	60	
23 " ..	250	10	0	61		22 " ..	243	70	1	21		20 " ..	252	20	8	15	
30 " ..	249	30	1	52		29 " ..	244	40	5	84		27 " ..	253	20	1	41	
			21	46					17	29					10	16	
7 July ..	250	60	7	02		6 July ..	244	80	4	61		4 July ..	252	40	3	78	
14 " ..	252	30	5	18		13 " ..	250	30	23	63		11 " ..	252	70	2	96	
21 " ..	254	30	7	52		20 " ..	253	70	10	58		18 " ..	255	40	14	48	
28 " ..	254	70	1	68		27 " ..	254	00	1	85		25 " ..	257	10	6	87	
			21	40					40	67					28	09	
4 August.	254	80	0	66		3 August..	254	00	0	54		1 August.	259	00	7	30	
11 " ..	254	80	0	83		10 " ..	253	80	0	17		8 " ..	259	10	0	94	
18 " ..	254	80	0	89		17 " ..	253	50	..	..		15 " ..	259	10	0	62	
25 " ..	254	60	0	27		24 " ..	253	90	4	84		22 " ..	259	40	4	48	
			2	65		31 " ..	255	90	9	32		29 " ..	260	80	4	97	
									14	87					18	31	
1 Sept. ..	254	40	0	68													
8 " ..	254	80	4	17		7 Sept. ..	259	70	8	65		5 Sept. ..	261	80	6	66	
15 " ..	255	60	3	10		14 " ..	259	90	0	92		12 " ..	262	10	3	08	
22 " ..	255	40	0	01		21 " ..	259	80	0	21		19 " ..	262	50	3	73	
29 " ..	255	20	0	68		28 " ..	260	70	5	97		26 "	263	40	13	12	
			8	64					15	75					26	59	
6 Oct. ..	255	10	0	48		5 October.	262	30	4	42		3 October.	263	30	2	59	
13 " ..	254	80	..	..		12 " ..	262	20	0	43		10 " ..	263	00	..	..	
20 " ..	254	50	..	..		19 " ..	262	30	4	49		17 " ..	267	70	..	..	
27 " ..	254	10	..	..		26 " ..	262	45	1	62		24 " ..	262	40	0	96	
			0	48					10	98		31 " ..	262	10	..	..	
															3	55	
3 Nov. ..	253	70	..	..		2 Nov. ..	262	20	..	..							
10 " ..	253	40	..	..		9 " ..	261	80	..	..		7 Nov. ..	261	80	..	..	
17 " ..	253	00	..	..		16 " ..	261	40	..	..		14 " ..	261	50	..	..	
24 " ..	252	70	..	..		23 " ..	261	10	..	..		21 " ..	261	10	..	..	
1 Dec. ..	252	30	..	..		30 " ..	261	80	..	..		28 " ..	260	80	..	..	
8 " ..	252	00	..	..		7 Dec. ..	260	40	..	..		5 Dec. ..	260	50	..	..	
15 " ..	251	70	..	..		14 " ..	260	10	..	..		12 " ..	260	10	..	..	
22 " ..	251	30	..	..		21 " ..	259	80	..	..		19 " ..	259	80	..	..	
29 " ..	251	00	..	..		28 " ..	259	40	..	..		26 " ..	259	50	0	95	
			54	63					99	54					87	65	

Table No. 5—(*contd.*)

Showing Height of Water in and Rainfall at Vehar Lake from 1861 to 1887.

1885.						1886.						1887.					
Date and Month.		Height of Water.		Rainfall.		Date and Month.		Height of Water.		Rainfall.		Date and Month.		Height of Water.		Rainfall.	
		Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.
2	January	259	30	..	..	1	January	257	80	..	..	1	January	259	20	..	..
9	,, ..	259	10	..	..	8	,,	257	50	..	..	8	,, ..	258	90	..	..
16	,, ..	258	90	..	..	15	,,	257	10	..	..	15	,, ..	258	60	..	..
23	,, ..	258	60	..	..	22	,,	256	80	..	..	22	,, ..	258	10	..	..
30	,, ..	258	30	..	..	29	,,	256	50	..	..	29	,, ..	257	70	..	..
6	Feb. .	258	00	..	..	5	Feb. ..	256	20	..	..	5	Feb. ..	257	50	..	..
13	,, ..	257	70	..	..	12	,, ..	255	80	..	..	12	,, ..	257	00	..	..
20	,, ..	257	30	..	..	19	,, ..	255	50	..	..	19	,, ..	256	60	..	..
27	,, ..	257	00	..	..	26	,, ..	255	20	..	..	26	,, ..	256	30	..	..
6	March..	256	70	..	..	5	Mar. ..	254	80	..	..	5	Mar. ..	255	90	..	..
13	,, ..	256	30	..	..	12	,, ..	254	50	..	..	12	,, ..	255	50	..	..
20	,, ..	256	00	..	..	19	,, ..	254	10	..	..	19	,, ..	255	20	..	..
27	,, ..	255	70	..	..	26	,, ..	253	80	..	..	26	,, ..	254	70	..	..
3	April ..	255	40	..	..	2	April ..	253	40	..	..	2	April ..	254	30	..	..
10	,, ..	255	10	..	..	9	,, ..	253	00	..	..	9	,, ..	253	90	..	..
17	,, ..	254	80	..	..	16	,, ..	252	50	..	..	16	,, ..	253	40	..	..
24	,, ..	254	40	..	..	23	,, ..	252	20	..	..	23	,, ..	252	90	..	..
1	May ..	254	00	..	..	30	,, ..	251	80	..	..	30	,, ..	252	50	..	..
8	,, ..	253	70	..	..	7	May. ..	251	40	..	..	7	May ..	252	00	..	..
15	,, ..	253	30	..	..	14	,, ..	251	00	..	..	14	,, ..	251	50	..	..
22	,, ..	253	00	..	..	21	,, ..	250	60	..	..	21	,, ..	251	00	..	..
29	,, ..	252	60	..	..	28	,, ..	250	20	..	..	28	,, ..	250	50	..	..
5	June ..	252	20	..	..	4	June. ..	249	90	1	92	4	June ..	250	00	..	..
12	,, ..	251	90	1	14	11	,, ..	249	90	2	86	11	,, ..	250	40	4	37
19	,, ..	251	80	2	57	18	,, ..	250	30	7	53	18	,, ..	251	70	10	96
26	,, ..	251	60	1	79	26	,, ..	253	30	17	02	25	,, ..	252	50	4	87
				5	50					29	33					20	20
3	July ..	251	50	1	17	3	July. ..	255	10	8	96	2	July ..	252	90	5	14
10	,, ..	251	80	2	94	10	,, ..	255	20	0	64	9	,, ..	259	70	27	89
17	,, ..	253	10	11	37	17	,, ..	259	60	28	78	16	,, ..	260	20	2	38
24	,, ..	254	70	7	68	24	,, ..	263	60	11	72	23	,, ..	260	20	1	83
31	,, ..	256	20	3	35	31	,, ..	263	40	5	89	30	,, ..	262	40	7	33
				26	51					53½	49					45	17
7	August..	255	30	3	22	7	August..	263	20	0	72	6	August.	263	30	3	23
14	,, ..	256	10	5	46	14	,, ..	263	10	1	76	13	,, ..	263	50	8	16
21	,, ..	260	50	18	10	21	,, ..	263	40	5	20	20	,, ..	263	40	1	32
28	,, ..	260	90	2	54	28	,, ..	263	30	1	36	27	,, ..	263	50	3	11
				29	32					9	04					16	32
4	Sept. ..	261	10	1	99	4	Sept. ..	263	40	4	11	3	Sept. ..	263	50	3	06
11	,, ..	261	10	0	83	11	,, ..	263	20	0	30	11	,, ..	263	50	2	37
18	,, ..	261	10	3	31	18	,, ..	263	00	0	41	18	,, ..	263	30	1	54
25	,, ..	261	20	1	43	25	,, ..	262	70	1	04	25	,, ..	263	10	1	46
				7	56					5	86					8	93
2	Oct. ..	261	00	1	43	2	October.	263	30	3	74	2	Oct. ..	262	80	0	27
9	,, ..	261	40	4	48	9	,, ..	263	20	..	..	9	,, ..	262	50	..	..
16	,, ..	261	40	1	55	16	,, ..	262	80	..	..	16	,, ..	262	20	1	16
23	,, ..	261	20	..	..	23	,, ..	262	50	..	..	23	,, ..	261	90	..	..
30	,, ..	260	90	..	..	30	,, ..	262	60	3	19	30	,, ..	261	40	..	..
				7	46					6	93					1	43
6	Nov. ..	260	60	..	..	6	Nov. ..	262	20	..	..	6	Nov. ..	260	90	0	51
13	,, ..	260	30	..	..	13	,, ..	261	80	..	..	13	,, ..	260	60	0	30
20	,, ..	259	90	..	..	20	,, ..	261	50	..	..	20	,, ..	260	20	..	..
27	,, ..	259	60	..	..	27	,, ..	261	10	..	..	27	,, ..	259	80	..	..
4	Dec. ..	259	20	..	..	4	Dec. ..	260	80	..	..					0	81
11	,, ..	258	80	..	..	11	,, ..	260	20	..	..						
18	,, ..	258	5	..	..	18	,, ..	259	80	..	..	4	Dec. ..	259	30	..	..
25	,, ..	258	20	..	..	25	,, ..	259	60	..	..	11	,, ..	258	90	..	..
				76	25					104	65	18	,, ..	258	60	..	..
												25	,, ..	258	20	..	..
																92	86

STATEMENT showing the Height of Water in, and Rainfall from 1881 to 1887 at, TULSI LAKE.

1881.					1882.					1883.					1884.					1885.					1886.					1887.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Inc.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.
2 Jan. ..	438	95	..	..	1 Jan. ..	440	60	..	..	5 Jan. ..	438	26	..	..	4 Jan. ..	446	08	..	..	2 Jan. ..	444	80	..	..	1 Jan. ..	441	40	..	..	1 Jan. ..	450	40	..	..
9 „ ..	438	23	..	..	8 „ ..	439	88	..	..	12 „ ..	437	56	..	..	11 „ ..	445	55	..	..	9 „ ..	444	20	..	..	8 „ ..	440	70	..	..	8 „ ..	449	90	..	..
16 „ ..	437	63	..	..	15 „ ..	439	16	..	..	19 „ ..	436	80	..	..	18 „ ..	444	92	..	..	16 „ ..	443	60	..	..	15 „ ..	440	10	..	..	15 „ ..	449	30	..	..
23 „ ..	436	92	..	..	22 „ ..	438	38	..	..	26 „ ..	436	07	..	..	25 „ ..	444	30	..	..	23 „ ..	442	90	..	..	22 „ ..	439	60	..	..	22 „ ..	448	70	..	..
30 „ ..	436	22	..	..	29 „ ..	437	64	..	..											30 „ ..	442	30	..	..	29 „ ..	438	80	..	..	29 „ ..	448	00	..	..
6 Feb. ..	435	56	..	..	6 Feb. ..	436	77	..	..	2 Feb. ..	435	32	..	..	1 Feb. ..	443	63	..	..															
13 „ ..	434	81	..	..	10 „ ..	436	34	..	..	9 „ ..	434	57	..	..	8 „ ..	443	03	..	..	6 Feb. ..	441	70	..	..	5 Feb. ..	438	10	..	..	5 Feb. ..	447	50	..	..
20 „ ..	434	10	..	..	17 „ ..	435	56	..	..	16 „ ..	433	74	..	..	15 „ ..	442	38	..	..	13 „ ..	440	90	..	..	12 „ ..	437	30	..	..	12 „ ..	446	90	..	..
27 „ ..	433	40	..	..	24 „ ..	434	74	..	..	23 „ ..	432	91	..	..	22 „ ..	441	81	..	..	20 „ ..	440	20	..	..	19 „ ..	436	60	..	..	19 „ ..	446	20	..	..
															29 „ ..	441	10	..	..	27 „ ..	339	50	..	..	26 „ ..	435	90	..	..	26 „ ..	445	70	..	..
6 March...	432	65	..	..	3 March..	433	82	..	..	2 March..	432	04	..	..																			
13 „ ..	431	81	..	..	10 „ ..	433	11	..	..	9 „ ..	431	17	..	..	7 March..	440	43	..	..	6 March..	438	80	..	..	5 March..	435	10	..	..	5 March..	445	00	..	..
20 „ ..	430	90	..	..	17 „ ..	432	26	..	..	16 „ ..	430	26	..	..	14 „ ..	439	73	..	..	13 „ ..	438	10	..	..	12 „ ..	434	40	..	..	12 „ ..	444	40	..	..
27 „ ..	430	03	..	..	24 „ ..	431	35	..	..	23 „ ..	429	30	..	..	21 „ ..	438	99	..	..	20 „ ..	437	40	..	..	19 „ ..	433	60	..	..	19 „ ..	443	70	..	..
					31 „ ..	430	42	..	..	30 „ ..	428	37	..	..	28 „ ..	438	29	..	..	27 „ ..	436	60	..	..	26 „ ..	432	90	..	..	26 „ ..	443	10	..	..
3 April ..	429	17	..	..																													
10 „ ..	428	18	..	..	7 April ..	429	45	..	..	6 April ..	427	33	..	..	4 April ..	437	50	..	..	3 April ..	435	80	..	..	2 April ..	432	00	..	..	2 April ..	442	40	..	..
17 „ ..	427	40	..	..	14 „ ..	428	32	..	..	13 „ ..	426	26	..	..	11 „ ..	436	70	..	..	10 „ ..	435	10	..	..	9 „ ..	431	20	..	..	9 „ ..	441	80	..	..
24 „ ..	426	27	..	..	21 „ ..	427	38	..	..	20 „ ..	425	09	..	..	18 „ ..	435	90	..	..	17 „ ..	434	30	..	..	16 „ ..	430	30	..	..	16 „ ..	441	10	..	..
					28 „ ..	426	32	..	..	27 „ ..	423	90	..	..	25 „ ..	435	20	..	..	24 „ ..	433	40	..	..	23 „ ..	429	40	..	..	23 „ ..	440	40	..	..
																									30 „ ..	428	50	..	..	30 „ ..	439	80	..	..
1 May ..	425	08	..	..						4 May ..	422	58	..	..	2 May ..	434	40	..	..	1 May ..	432	60	..	..										
8 „ ..	423	93	..	..	5 May ..	425	22	..	..	11 „ ..	421	20	..	..	9 „ ..	433	50	..	..	8 „ ..	431	80	..	..	7 May ..	427	50	..	..	7 May ..	439	10	..	..
15 „ ..	422	71	..	..	12 „ ..	423	95	..	..	18 „ ..	419	78	..	..	16 „ ..	432	70	..	..	15 „ ..	430	90	..	..	14 „ ..	426	50	..	..	14 „ ..	438	40	..	..
22 „ ..	421	39	..	..	19 „ ..	422	70	..	..	25 „ ..	418	24	..	..	23 „ ..	431	90	..	..	22 „ ..	429	90	..	..	21 „ ..	425	50	..	..	21 „ ..	437	70	..	..
29 „ ..	419	78	..	..	26 „ ..	421	30	..	..						30 „ ..	431	00	..	..	29 „ ..	429	00	..	..	28 „ ..	424	40	..	..	28 „ ..	437	00	..	..
5 June ..	418	29	1	15	2 June ..	419	78	..	..	1 June ..	416	50	..	..																			
12 „ ..	418	34	7	81	9 „ ..	422	82	13	88	8 „ ..	415	60	3	60	6 June ..	430	10	..	..	5 June ..	428	00	..	..	4 June ..	423	30	0	60	4 June ..	436	30	..	..
19 „ ..	416	88	1	63	16 „ ..	427	50	9	96	15 „ ..	415	33	5	58	13 „ ..	429	20	0	21	12 „ ..	426	90	1	25	11 „ ..	422	90	4	88	11 „ ..	438	10	3	84
26 „ ..	415	21	2	19	23 „ ..	426	77	0	30	22 „ ..	413	80	1	67	20 „ ..	429	40	8	75	19 „ ..	426	20	1	99	18 „ ..	423	20	7	57	18 „ ..	438	10	2	40
					30 „ ..	426	29	2	72	29 „ ..	415	34	6	50	27 „ ..	428	90	2	05	26 „ ..	425	40	2	20	26 „ ..	431	30	17	13	25 „ ..	437	70	1	85
			12	78									17	35									5	44									
								26	86									11	01									29	68				
																															18	09
3 July ..	416	51	5	40						6 July ..	416	91	3	31	4 July ..	428	40	3	24	3 July ..	424	20	1	25	3 July ..	435	50	9	43	2 July ..	439	80	5	63
10 „ ..	423	56	11	265	7 July ..	431	40	7	28	13 „ ..	435	80	23	75	11 „ ..	429	90	6	33	10 „ ..	423	90	4	69	10 „ ..	436	10	1	32	9 „ ..	453	00	25	43
17 „ ..	433	72	12	22	14 „ ..	438	82	10	14	20 „ ..	447	90	17	72	18 „ ..	434	80	13	59	17 „ ..	427	30	12	43	17 „ ..	447	90	19	62	16 „ ..	454	10	2	80
24 „ ..	435	20	4	365	21 „ ..	444	10	10	49	27 „ ..	449	18	3	37	25 „ ..	439	30	7	59	24 „ ..	430	50	9	42	24 „ ..	456	60	18	04	23 „ ..	454	10	1	91
31 „ ..	436	57	8	645	28 „ ..	445	12	2	67											31 „ ..	432	30	4	08	31 „ ..	456	50	2	18	30 „ ..	456	70	9	03
			36	895				30	49				48	15				30	75				31	87				50	59				44	80

1881.					1882.					1883.					1884.					1885.					1886.					1887.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.
7 Aug. ..	443	51	12	065	4 Aug. ..	445	52	1	30	3 Aug. ..	449	17	1	15	1 Aug. ..	444	90	9	00	7 Aug. ..	432	10	3	08	7 Aug. ..	456	40	1	15	6 Aug. ..	456	60	3	80
14 „ ..	445	54	4	755	11 „ ..	446	09	2	59	10 „ ..	448	79	0	80	8 „ ..	545	10	1	13	14 „ ..	434	50	5	99	14 „ ..	456	20	2	23	13 „ ..	456	80	9	52
21. „ ..	446	58	2	62	18 „ ..	445	88	1	07	17 „ ..	448	23	0	12	15 „ ..	444	80	1	01	21 „ ..	445	50	17	70	21 „ ..	456	60	6	66	20 „ ..	456	60	2	08
28 „ ..	446	89	2	13	25 „ ..	445	56	0	77	24 „ ..	448	87	4	44	22 „ ..	446	40	5	08	28 „ ..	446	90	3	55	28 „ ..	456	40	2	15	27 „ ..	456	70	5	22
			21	57				6	23	31 „ ..	452	20	9	26	29 „ ..	448	30	6	18				30	32				12	19				20	68
													15	33				22	40														
4 Sept. ..	446	82	2	000	1 Sept. ..	445	19	1	04											4 Sept. ..	447	30	2	32	4 Sept. ..	456	60	4	99	3 Sept. ..	456	70	3	65
11 „ ..	446	65	1	045	8 „ ..	445	33	2	76	7 Sept. ..	452	64	9	75	5 Sept. ..	450	80	5	08	11 „ ..	447	10	0	79	11 „ ..	456	30	..	..	10 „ ..	456	80	4	81
18 „ ..	447	36	4	065	15 „ ..	448	41	5	54	14 „ ..	452	38	0	84	12 „ ..	451	60	3	22	18 „ ..	447	30	3	10	18 „ ..	455	90	0	30	17 „ ..	456	45	0	52
25 „ ..	447	43	0	875	22 „ ..	448	12	..	..	21 „ ..	452	00	0	17	19 „ ..	452	50	3	70	25 „ ..	447	50	2	01	25 „ ..	455	70	2	31	24 „ ..	456	20	1	10
			7	935	29 „ ..	447	64	0	63	23 „ ..	452	55	6	20	26 „ ..	452	90	10	66				8	22				7	60				10	08
								9	97				16	96				22	66														
2 Oct. ..	447	90	3	405																2 Oct. ..	447	10	0	14	2 Oct. ..	456	50	4	93	2 Oct. ..	455	80	0	40
9 „ ..	448	45	1	62	6 Oct. ..	447	18	0	63	5 Oct. ..	452	45	5	06	3 Oct. ..	452	40	5	31	9 „ ..	448	30	5	62	9 „ ..	456	30	0	52	9 „ ..	455	30	..	..
16 „ ..	447	97	..	..	13 „ ..	446	53	0	41	12 „ ..	452	32	1	26	10 „ ..	452	00	..	..	16 „ ..	448	30	0	96	6 „ ..	455	90	0	17	16 „ ..	454	80	1	09
23 „ ..	447	96	..	..	20 „ ..	445	86	..	..	19 „ ..	452	21	3	58	17 „ ..	451	40	..	..	23 „ ..	447	70	..	..	23 „ ..	455	60	0	84	23 „ ..	454	30	..	..
30 „ ..	446	70	..	..	27 „ ..	445	24	..	..	26 „ ..	452	30	1	76	24 „ ..	451	00	1	04	30 „ ..	447	10	..	..	30 „ ..	455	30	1	85	30 „ ..	453	70	..	..
			5	025				0	67				11	67	31 „ ..	450	30	..	..				6	72				8	36				1	49
																		6	35														
6 Nov. ..	445	99	..	..	3 Nov. ..	444	46	..	..	2 Nov. ..	451	77	..	..						6 Nov. ..	446	60	..	..	6 Nov. ..	454	90	..	..	6 Nov. ..	453	00	0	65
13 „ ..	445	34	..	..	10 „ ..	443	77	..	..	9 „ ..	451	20	..	..	7 Nov. ..	449	70	..	..	13 „ ..	445	90	..	..	13 „ ..	454	20	..	..	13 „ ..	452	60	0	07
20 „ ..	444	64	..	..	17 „ ..	443	09	..	..	16 „ ..	450	04	..	..	14 „ ..	449	10	..	..	20 „ ..	445	20	..	..	20 „ ..	453	70	..	..	20 „ ..	452	00	..	..
27 „ ..	443	90	..	..	24 „ ..	442	44	..	..	23 „ ..	449	95	..	..	21 „ ..	448	40	..	..	27 „ ..	444	50	..	..	27 „ ..	453	10	..	..	27 „ ..	451	40	..	..
										30 „ ..	449	25	..	..	28 „ ..	447	70	..	..															0	72
					1 Dec. ..	441	77	..	..																										
4 Dec. ..	443	26	..	..	8 „ ..	441	07	..	..											4 Dec. ..	443	50	..	..	4 Dec. ..	452	70	..	..	4 Dec. ..	450	80	..	..
11 „ ..	442	67	..	..	15 „ ..	440	35	..	..	7 Dec. ..	448	61	..	..	5 Dec. ..	447	20	..	..	11 „ ..	443	20	..	..	11 „ ..	452	00	..	..	11 „ ..	450	10	..	..
18 „ ..	441	98	..	..	22 „ ..	439	70	..	..	14 „ ..	447	91	..	..	12 „ ..	446	40	..	..	18 „ ..	442	60	..	..	18 „ ..	451	60	..	..	18 „ ..	449	50	..	..
25 „ ..	441	27	..	..	29 „ ..	438	96	..	..	21 „ ..	447	27	..	..	19 „ ..	445	80	..	..	25 „ ..	442	00	..	..	25 „ ..	450	90	..	..	25 „ ..	448	90	..	..
										28 „ ..	446	62	..	..	26 „ ..	445	40	1	67																
																		1	67														
Annual Rainfall ..			64	255				74	22				109	46				94	64				82	57				108	42				95	86

Table No. 7.

GIVING RAINFALL AT VEHAR LAKE AND DATES OF LOWEST AND HIGHEST LEVELS OF WATER FOR 27 YEARS.

Level of Planks on Waste Weir 1887 .....263·5 T. H. Datum.
„ Bottom of Channel to new Tower.236·0 „

Year.	Month and date of lowest level.	T.H.D	Month and date of overflow or highest level.	T.H.D	Rainfall In. cts.	Compared with average of 27 years. Average = 1·00
1860...	.....	...	July 27th	262·5	.....	.....
1861...	June 1st.....	251·2	August 17th.....	263·5	105·4	1·28
1862...	„ 7th.....	251·6	October 4th	261·1	96·4	1·18
1863...	„ 6th.....	252·0	August 15th.....	263·0	117·1	1·44
1864...	„ 18th.....	251·8	September 17th.....	259·3	83·2	1·02
1865...	„ 10th.....	247·5	„ 23rd.....	260·9	88·8	1·09
1866...	„ 16th.....	249·9	August 11th	262·6	75·0	·92
1867 ..	„ 22nd.....	249·7	October 19th.....	261·1	79·9	·98
1868...	„ 6th.....	251·0	September 5th	261·1	70·2	·86
1869...	„ 12th.....	249·6	October 2nd	262·8	91·69	1·12
1870...	„ 4th.....	251·9	August 27th	261·2	64·97	·80
1871...	July 8th.....	249·3	September 16th.....	251·9	40·89	·50
1872...	June 15th.....	239·2	„ 28th.....	254·8	65·93	·81
1873...	May 31st.....	243·5	„ 13th	263·5	83·72	1·03
1874...	June 13th.....	251·6	July 25th.....	263·7	93·73	1·15
1875...	„ 12th.....	250·5	September 4th	262·7	74·25	·91
1876...	„ 10th.....	250·5	July 29th	262·7	65·68	·80
1877...	„ 16th.....	250·2	October 13th.....	258·7	62·71	·77
1878...	„ 15th.....	247·4	July 27th.....	262·9	120·79	1·48
1879...	„ 7th.....	251·6	August 16th	262·9	76·04	·93
1880...	„ 19th.....	249·6	September 25th.....	261·1	72·42	·89
1881...	„ 4th.....	249·4	October 8th.....	258·2	59·10	·72
1882 ..	„ 2nd.....	246·4	September 15th.....	255·6	54·63	·67
1883...	„ 15th.....	248·1	October 26th.....	262·5	99·54	1·22
1884...	„ 13th.....	251·6	September 16th	263·4	87·65	1·07
1885...	July 10th.....	251·3	October 9th	261·4	76·35	·94
1886...	June 4th.....	249·9	July 24th.....	263·5	104·65	1·28
1887...	June 4th.....	250·0	August 8th.....	263·5	92·86	1·14
			Average...	...	81·59	

Table No. 8.

GIVING RAINFALL AT TULSI LAKE AND DATES OF LOWEST AND HIGHEST LEVELS OF WATER FOR 7 YEARS.

Level of Waste Weir, as raised 1885.....456·50 T. H. Datum.
„ Lowest Inlet to Tower.....399·36 „

Year.	Month and date of lowest level.	T. H. D.	Month and date of overflow or highest level.	T. H. D.	Rainfall Inches cents.
1881...	June 26th.....	415·21	October 9th	448·45	84·26
1882...	„ 2nd.....	419·78	September 15th.....	448·41	74·22
1883...	„ 22nd.....	413·80	„ 7th.....	452·64	109·46
1884...	July 4th.....	428·40	„ 26th.....	452·90	94·84
1885...	„ 10th.....	423·90	October 9th	448·30	82·57
1886...	June 11th.....	422·90	July 24th	456·90	108·42
1887...	„ 11th.....	436·10	„ 25th	456·70	95·86

Table No. 9.

Showing the Diameter and Lengths of New Mains laid during 1887-88 :—

Place.	Diameter of Pipes.	Length.
	Inches.	Feet.
Frere Road	18	4,000 (part).
Apollo Bunder	12	1,274
Elphinstone Road	9	2,340
Naigam Cross Road	7	708
Bellasis Road	6	287
DeLisle Street	6	2,934
Gilder Road	6	1,398
Haines Road...	6	900
Ripon Road	6	4,941
Dadur Road	5	1,140
Bellasis Road	4	2,575
Charni Road...	4	193
Cleveland Road, Worli...	4	1,791
DeLisle Road	4	6,505
Dharavi Road	4	5,810
Dadur Road	4	3,195
Gilder Street...	4	1,247
Haines Road...	4	2,787
Lady Jamsetji Road	4	4,347
Parel Road	4	3,706
Parel Tank Road	4	3,469
Parbhadevi Road	4	2,659
Bapty Road	3	362
Bhoewada Cross Road	3	232
Foras Road	3	1,272
Kamathipura 15th Street	3	342
Do. 16th do.	3	315
Khotewadi Lane, Girgam Road	3	698
Mahim Market Road	3	993
Mangalwadi	3	474
Mazagon Coliwada	3	430
Peru Havildar Lane	3	306

Table No. 10.

Giving Details of Water Connections from 1st April 1887 to 31st March 1888 :—

Ward.	½" or under	¾"	1"	1¼"	1½"	2"	3"	4"	5"	6"	Total connections.	Total disconnections.	Net increase in connections.
A Ward ...	39	25	25	...	1	...	6	2	...	1	99	16	83
B " ...	58	31	20	...	1	2	...	...	...	...	112	73	39
C " ...	76	27	18	1	...	...	1	...	...	...	123	48	75
D " ...	72	17	19	...	1	...	1	...	...	...	110	33	77
E " ...	135	27	20	1	4	...	1	...	...	...	188	55	133
F " ...	33	9	7	...	2	1	...	...	...	...	52	14	38
G " ...	53	13	10	...	1	...	2	2	...	2	83	29	54
Total...	466	149	119	2	10	3	11	4	...	3	767	268	499

The net increase in the number of connections was distributed over the mains as follows :—

Vehar 32″ Main	171
Do. 24″ do.	150
Tulsi Main	178
Total...	499

Table No. 11.

Showing the number of Water Connections made each year since the Vehar Lake was completed, and the annual increase numerically and per centum :—

Number of Water Connections from 1860 *to* 1887-88.

Year.	Number.	Increase		Remarks.
		In number.	Per cent. of connections.	
1860	208	.....	.....	Vehar water first supplied.
1861	1,061	853	410	
1862	2,085	1,024	97	
1863	3,422	1,337	64	
1864	5,198	1,776	52	
1865	6,470	1,272	24	
1866	6,750	280	4·3	
1867	7,526	776	11·5	
1868	8,218	692	9·2	
1869	9,158	940	11·4	
1870	9,643	485	5·3	
1871	10,037	394	4·1	
1872	10,315	278	2·8	
1873	10,629	314	3·4	
1874	10,879	250	2·4	
1875	11,109	230	2·1	
1876	11,434	325	2·9	
1877	11,752	318	2·8	
1878	11,908	156	1·3	
1879	12,066	158	1·3	
1880	12,494	428	3·5	
1881	12,817	323	2·6	
1882-83	13,244	427	3·3	
1883-84	13,545	301	2·3	
1884-85	13,909	364	2·7	
1885-86	14,448	539	3·9	
1886-87	14,865	417	2·9	
1887-88	15,364	499	3·4	

Table No. 12.

Showing distribution of Water Meters in use on the 31st March 1888 :—

Ward.	½"	¾"	1"	1¼"	1½"	2"	3"	4"	5"	6"	6" and over.	Total.
A Ward.	92	11	76	4	9	19	59	10	2	6	...	288
B "	33	5	23	4	4	6	2	...	...	1	2	80
C "	78	4	28	1	3	1	14	...	...	...	...	129
D "	42	4	33	3	4	4	7	5	...	...	...	102
E "	37	6	51	5	11	24	31	10	2	4	...	185
F "	33	1	23	2	6	2	3	3	1	...	...	74
G "	36	3	61	5	11	3	17	6	...	6	...	148
Total...	351	34	295	24	48	63	133	34	5	17	2	1,006

Table No. 13.

Showing the total quarterly consumption of water through Meters during the year 1887 (January to December) :—

WARDS.	1st Quarter. January to March.	2nd Quarter. April to June.	3rd Quarter. July to September.	4th Quarter. October to December.	Total.	REMARKS.
	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	
A (private parties)	1,36,84,750	1,60,37,470	1,21,07,920	1,58,00,170	5,76,30,310	
B "	99,49,320	1,10,12,340	86,03,650	95,58,010	3,91,23,320	
C "	22,94,700	27,40,650	23,75,907	26,59,350	1,00,70,607	
D "	90,30,170	1,22,75,950	57,36,490	69,62,620	3,40,05,230	
E "	4,51,05,385	4,82,60,185	4,05,01,360	4,15,36,775	17,54,06,705	
F "	89,96,390	1,11,83,980	40,28,070	68,21,620	3,10,30,060	
G "	2,28,14,970	2,46,68,780	1,63,46,650	2,09,86,920	8,48,07,320	
Kurla	13,56,400	19,35,400	6,35,100	26,45,010	65,71,910	
Bandora.....	35,19,700	46,46,600	40,17,520	36,75,810	1,58,59,630	
Government properties..	3,12,14,450	2,38,77,590	1,89,15,050	2,45,28,560	9,85,35,650	
Municipal "	4,70,18,940	4,29,87,800	3,84,12,975	4,18,99,010	17,03,18,725	
Total....	19,49,88,175	19,96,16,745	15,16,80,692	17,70,73,855	72,33,59,467	
Percentage....	26·9	27·6	20·9	24·4	100·0	

Table No. 14.

Showing the consumption through Meters of water supplied from Tulsi by the 24" main and from Vehar by the 32" and 24" mains respectively, during the year 1887 (January to December) :—

WARDS.	VEHAR DISTRICT.		Tulsi District.	Total.	REMARKS.
	32" Main.	24" Main.			
Ward A (private parties) ..	.....	.....	5,76,30,310	5,76,30,310	
" B " ..	3,91,23,320	.....	.....	3,91,23,320	
" C " ..	82,91,990	.....	17,78,617	1,00,70,607	
" D " ..	39,58,030	49,38,000	2,51,09,200	3,40,05,230	
" E " ..	3,30,78,295	14,23,28,410	.....	17,54,06,705	
" F " ..	1,71,68,000	1,38,62,060	.....	3,10,30,060	
" G " ..	1,26,32,560	7,21,74,760	.....	8,48,07,320	
Kurla	.....	65,71,910	.....	65,71,910	
Bandora.....	.....	1,58,59,630	.....	1,58,59,630	
Government properties.....	52,67,720	2,93,81,120	6,33,86,810	9,85,35,650	
Municipal "	3,04,43,450	11,25,42,815	2,73,32,460	17,03,18,725	
Total....	14,99,63,365	39,81,68,705	17,52,37,397	72,33,59,467	
Per day....	4,10,858	10,90,846	4,80,102	19,81,806	

Table No. 15.

Public Supplies of Water and their situation on the 31st March 1888 :—

Ward.	Dipping Wells.	Drinking Fountains.	Stand-Pipes.	Large Ornamental Fountains.	Cattle Troughs.	Total.
A Ward.	6	10	4	7	3	30
B „	6	4	1	1	7	19
C „	6	10	4	1	...	21
D „	4	6	2	...	1	13
E „	9	9	13	5	3	39
F „	8	5	9	...	2	24
G „	1	3	16	...	...	20
Total...	40	47	49	14	16	166
Total 1886-87.	46	53	37	14	17	167

Table No. 16

Shewing the number of Notices issued to owners on account of faulty Taps and Service Pipes, &c. :—

	Stop Cocks.	Service Pipes.	Taps, &c.	Miscellaneous.	Transferring connections.	Total.
A Ward	1	1	...	19	...	21
B „	11	46	16	16	90	179
C „	11	22	...	7	...	40
D „	14	17	1	25	82	139
E „	6	16	6	11	82	121
F „	145	92	63	99	11	410
G „	148	108	55	85	71	467
Mr. P. A. Mods	1,110	213	229	133	...	1,685
„ Parashram	624	110	145	121	...	1,000
„ Rodrigues	312	39	35	58	...	444
„ Ardasir	88	38	34	15	...	175
Meter fixing Notices	...	...	...	393	...	393
Total ...	2,470	702	584	982	336	5,074

Repairs to Stop Cocks	2,470
„ Service Pipes	702
„ Service Taps	584
Miscellaneous	589
Fixing Meters	393
Transfer Connections	336
Total ...	5,074
Against Total ...	3,842 in 1886,
	Increase 32 per cent.

Table No. 17

Giving particulars of Repairs to Mains :—

Size of Pipe.	Number.	Total.	
Bursts 3″	80		
4″	23		
5″	7		
6″	2		
7″	5		
12″	3		
24″	5		
		125	Including 24″ sluice burst at Dhobi Ghat.

Table No. 18

Shewing the Receipts and Expenditure on account of Water Works from 1861. Vehar Water first admitted in March 1860.

	Year.	Income.	Expenditure.	Remarks.
		Rs.	Rs.	
A	1861	45,620	.....	A—*Vide* page 6 of the Annual Report of the Assessor and Collector for the year 1872.
A	1862	63,812	.....	
A	1863	1,09,526	.....	
A	1864	2,80,602	.....	
A	1865	8,71,930	3,59,013*	* W. R. 5½ per cent., 1st 100.
A	1866	4,18,817	3,07,864	„ 2¾ „ 2nd 100.
A	1867	3,98,760	3,89,671	„ 1¾ „ 3rd 100.
A	1868	4,59,118	2,41,424	Meter Re. 1.
	1869	3,62,998	2,66,516	
	1870	3,66,986	3,47,355	
	1871	3,57,578	4,27,410	
	1872	4,07,835	B 4,43,850	B—Includes Rs. 113,758 repairs to Vehar Dams.
C	1873	4,00,639	3,14,574	C—W. R. reduced to 3½ per cent., 2 per cent. and 1 per cent. Meter Ans. 12, Govt. Ans. 8 per 1,000 gallons.
	1874	3,63,087	2,82,248	
	1875	3,00,212	2,78,093	
	1876	3,08,377	2,91,286	
	1877	3,11,823	2,91,619	
	1878	2,92,780	3,59,342	
	1879	3,54,798	4,07,112	
	1880	3,90,703	4,88,981	
	1881	5,24,819	4,64,704	
	1882 & 1st quarter, 1883	6,70,677	D 7,35,288	D—Expenditure includes payments for Sinking Fund from 1882.
	1883-84	5,47,647	5,36,118	
	1884-85	5,96,123	6,54,694	
E	1885-86	6,65,370	6,71,190	E—W. Rate made uniformly 4 per cent.
	1886-87	7,74,651	8,30,790	
	1887-88	8,83,724	F 18,83,045	F—Tansa payments for 2 years included.

REPORT OF THE EXECUTIVE ENGINEER, TANSA WATER WORKS, FOR 1887-88.

No. 230 of 1888-89.

Bombay Municipality,

Bombay, 14*th May* 1888.

From

The EXECUTIVE ENGINEER, TANSA WATER WORKS,

Bombay Municipality,

To

The MUNICIPAL COMMISSIONER

for the City of Bombay.

Sir,

I have the honour to submit herewith my Annual Report of the Tansa Water Works for the year 1887-88.

(1.)—WORKS AT TANSA.

Fair progress was made with the dam work during the year. Owing to the break of the monsoon, masonry work was suspended the first week in June, and it was resumed again in the middle of October. The outturn of work increased month by month, and by the end of the year it was satisfactory. The total quantity of masonry done at the opening of the year was 592,662 cubic feet, and at the close of the year it was 2,133,683 cubic feet, making the outturn for the year 1,541,021 cubic feet.

Excavations for foundations were in progress along the whole length of the dam line. In some places they have proved troublesome and

have had to be carried to a much greater depth than was estimated for on the information derived from the trial-pits. This will cause an excess on the estimate in the items of excavation for foundations and masonry, but what this excess may be cannot be estimated until the foundations have been completely taken out. The probability of this contingency has been referred to in para. 20 of the report on the present project. The accompanying statement (appendix A) shows the progress made on the dam works from the commencement of the work to the end of the year. The rainfall of the year was gauged at the dam site, and gave a total of 106·28 inches. The average of the last three years, as gauged in the Tansa Valley, is 109·99 inches, and the average of the last nine years based on a comparison with Kassara, at the foot of the Ghâts, is 113 inches. In considering the capabilities of the valley as a source of water-supply at the time the report on the present project was prepared, the average rainfall was taken at 100 inches (see para. 6 of Report). The officers' bungalow at Tansa was completed during the year.

(2.)—DUCT WORKS.

The progress made during the year on the duct works was fair, though not yet up to what it should be. The works were practically suspended during the monsoon months. With this exception, the outturn of work has been increasing month by month, and it is expected in the next season it will show a good average rate of progress. A good deal of the excavations for the conduit had been done, and masonry work was in progress at several points. Compressed air machinery had been got to work at the south end of tunnel No. 2. Similar machinery was being erected at the north end of that tunnel and at the south end of tunnel No. 7. The total quantity executed in all the tunnels, to the end of the year, was 1,750 lineal feet. This is but a small proportion of the total quantity to be done, but the first year's work cannot be regarded as a measure of what the progress will be in the future. The earthwork on siphon lines was far advanced towards completion. 700 tons of cylinders for the Bassein Creek bridges had been delivered at the site of the works, and the erection of the cylinders on all three bridges was in progress. A short length of the laying of the 48″ main on siphon No. 6 had been completed.

The accompanying statement (appendix B) shows the progress made on the duct works from the commencement of the work to the end of the year.

(3.)—48″ PIPES.

The reports of the Testing Officer show that 25,000 tons had been tested and passed at home up to the end of the year. Of these, 20,000 tons had been delivered on the works. A portion of the 27″ pipes for the Arthur Road main had been delivered. The accompanying statement (appendix C) shows the progress made as compared with the whole pipe contract.

(4.)—LAND ACQUISITION.

The acquisition of land for the lake and duct works progressed satisfactorily. As the works approach the island of Bombay, the demands made by land-owners are in some cases very exorbitant, and it is believed that the amount provided in the estimate, under this head, will not be sufficient.

(5.)—HEALTH.

There has not been a serious outbreak of any epidemic on any part of the works during the year, but there has been a good deal of sickness, and the whole of the district in which the works are situated may fairly be described as unhealthy. This, no doubt, interferes with the progress of the work to some extent. The Municipal staff has suffered considerably, and from the experience now gained it is apparent that it will be necessary in future years to have a much stronger staff.

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

APPENDIX A.

STATEMENT showing Work done on the Tansa Dam to end of March 1888.

CONTRACTORS—Messrs. Glover & Co.

Total quantities executed.	Items.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
128,396 c. ft.	Excavation for foundation in clay...	1 2 0	100 c. ft.	1,444 7 3
23,726 „	„ „ sand.	1 0 0	„	237 4 2
1,159,723 „	„ „ murum	2 6 0	„	27,543 6 8
2,894,459 „	„ „ bhadar & rock	5 0 0	„	1,44,722 15 2
191,552 „	Unwatering foundation trench for excavation under water ...	4 10 0	„	8,859 4 6
2,006,416 „	Rubble masonry in ordinary mortar, including pointing as per specification	27 2 0	„	5,44,240 5 5
1,27,267 „	Rubble masonry in cement mortar, including pointing as per specification.....	32 3 6	„	41,003 13 4
187249 „	Unwatering foundation trench during the construction of masonry as per specification ...	1 10 0	„	3,042 12 9
4,560 s. ft.	Cement pointing to water-face of the dam in river bed.....	4 0 0	100 s. ft.	182 6 4
27,655 „	Cement pointing to water-face of the dam above river bed ...	4 6 0	„	1,209 14 6
	Total value of work done...Rs.	.....	.....	7,72,486 10 1

Nature of work.	Contractors.	Amount of contract as per estimate.	Amount of work done up to end of March 1888.	Amount remaining to be spent.	Date of contract.	Date of completion.
		Rs. a. p.	Rs. a. p.	Rs. a. p.		
Construction of Masonry Dam across the Tansa Valley.	Messrs. Glover & Co.	28,63,295 0 0	7,72,486 10 1	20,90,808 5 11	25th Feb. 1886.	15th June 1892.

APPENDIX B.

STATEMENT showing Work done on the Tansa Duct Line to end of March 1888.

CONTRACTORS—Messrs. Walsh, Lovett, Mitchell & Co.

Total quantities executed.	Items.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
	Excavation for conduit, as per clause 2 of the specification—			
3,311,480 c. ft.	Got without blasting ...	1 4 0	100 c. ft.	41,393 8 0
1,600,000 „	Got with blasting	4 12 0	„	76,000 0 0
264,923 „	Uncoursed rubble masonry in side walls, haunching, &c., of conduits as per clause 3 of the specification	27 6 0	„	72,522 10 8
43,692 s. ft.	Cement pointing as per clause 9 of the specification	6 8 0	100 s. ft.	2,839 15 8
16,172 c. ft.	Concrete in floor of conduit as per clause 10 of the specification	19 12 0	100 c. ft.	3,193 15 6
1,540 s. ft.	Cement plaster ½rd of an inch thick, as per clause 11 of the specification	8 0 0	100 s. ft.	123 3 2
3,348 c. ft.	Arching of conduit, including centering, &c., as per clause 12 of the specification ...	40 0 0	100 c. ft.	1,339 3 2
	Excavation for foundation of aqueducts, as per clause 15 (*a*) of the specification—			
38,103 c. ft.	Uncoursed rubble masonry in abutments, piers, wings, and spandril walls of aqueducts, including pointing, as per clause 15 (*b*) of the specification	28 8 0	100 c. ft.	10,859 5 8
1,036 „	Rough ashlar in quoins, cut water, &c., as per clause 15 (*c*) of the specification ...	88 0 0	„	911 10 10
1,702 „	Arching in aqueducts, including ring pens, centering, pointing, &c., as per clause 15 (*d*) of the specification ...	50 0 0	„	851 0 0
1,750 l. ft.	Tunnel cross, section A, complete, as per clause 17 of the specification	43 3 0	lin. ft.	75,578 2 0
	Carried over...	.....	.....	

APPENDIX **B**—*contd.*

Total quantities executed.	Items.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
	Brought forward...			
	Excavation in cuttings on pipe-track as per clause 18 of the specification—			
2,074,951 c. ft.	Got without blasting ...	1 4 0	100 c. ft.	25,936 14 2
690,000 „	Got with blasting	4 12 0	„	32,775 0 0
4,907,137 „	Embankment on pipe-track including consolidation, as per clause 18 of the specification..	0 12 0	„	36,803 8 5
15,315 s. ft.	Pitching on slopes of embankment, as per clause 19 of the specification	8 0 0	100 s. ft.	1,229 3 2
27 cwts.	Rolled girders on flat top culverts, including tie bars, and fixing complete, as per clause 20 of the specification..	6 0 0	cwt.	162 0 0
8,869 l. yds.	Tramway, including materials and laying complete, as per clause 21 of the specification..	2 14 0	lin. yd.	25,498 6
4,600 l. ft.	Carrying, laying, jointing, &c., complete 48″ main, as per clause 29 of the specification average rate for all siphons ...	4 12 0	lin. ft.	21,850 0 0
.....	Providing, erecting, &c., complete, the three bridges on the Bassein Creek, as per clause 40 of the specification ...	4,96,000 0 0	lump sum.	56,880 0 0
33,500 s. ft.	Loose stone pitching for bridge abutments	6 8 0	100 s. ft.	2,177 8
	Total value of work done...Rs.	.....	.....	4,88,925 2

Nature of work.	Contractors.	Amount of contract.	Amount of work done up to end of March 1888.	Amount remaining to be spent.	Date of contract.	Date of completion.
Construction of the duct from the Tansa Dam to Ghatkopar.	Messrs. Walsh, Lovett, Mitchell & Co.	Rs. 42,00,000	Rs. a. p. 4,88,925 2 5	Rs. a. p. 37,11,074 13 7	16th Sept. 1886.	1st Jan. 1891.

APPENDIX **C.**

STATEMENT showing progress made with Pipe Contract.

Nature of work.	Contractors.	Amount of contract.	Amount of supplies received up to end of March 1888.	Amount remaining to be spent.	Date of contract.	Date of completion.
Supply of pipes, &c.	Messrs. Macfarlane, Strang & Co.	Rs. 37,50,000	Rs. a. p. 16 71,618 6 0	Rs. a. p. 20,78,381 10 0	26th Apl. 1886.	1st Oct. 1889.

* This date does not cover the delivery of pipes as per Schedule C (clause 19 of the Contract) they are included in the amount shown, and a further period of nine months should be allowed for the delivery of them.

No. 174 of 1888.

From

THE SECRETARY AND CURATOR,

Victoria and Albert Museum, Bombay,

To

THE MUNICIPAL COMMISSIONER

for the City of Bombay.

BOMBAY, *15th May* 1888.

SIR,

I have the honour to submit the following report on the Victoria and Albert Museum for the year ending the 31st March 1888 :—

As there exists much misunderstanding regarding the origin and character of the Victoria and Albert Museum, I shall take this opportunity of prefixing to the usual Annual Report a brief account of the history of the Museum.

In the first place it is necessary to keep in mind the fact that the Victoria and Albert Museum was, from the commencement of its history, more than twenty years ago, never intended to be a *Natural History Museum.* It was expressly established as an *Economic Museum.* Sir George Birdwood, in the printed report of 1864, with reference to the history of the establishment of the Victoria and Albert Museum, says :—"*The Museum will not be a Museum of Natural History*, and its Curators will not prosecute in turn different branches of natural history merely for natural history, but it will be a Museum of raw products and manufactures and arts, and its Curators will direct their original investigations in natural history so as to further the economic interests of the country."

It so happened that when the Victoria and Albert Museum was being built, Mr. Cursetji Fardunji Paruck offered to endow a professorship of Economic Science in connection with the Victoria and Albert Museum. This generous Parsee gentleman offered Rs. 75,000 and gave Government the option of themselves administering the fund,

or of placing it under the trust of the University. Government at once offered the fund to the University—much to Sir George Birdwood's chagrin. He says :—"The Syndicate very courteously called upon me to report to them on the proposition. I was placed in this dilemma. I could not propose to the Syndicate to give up an endowment peculiarly acceptable to a young university, and on principle I objected to a University having charge of a Chair of Enquiry. I also felt vexed and annoyed that an endowment, intended by Mr. Cursetji Fardunji to aggrandise the Museum and make it complete in itself—self-contained as a College of Enquiry—should go to the University."

Sir George Birdwood, however, succeeded in so impressing his views upon the Syndicate that they practically recommended that Government should administer the endowment on the lines recommended by Sir George Birdwood. He goes on to say :—"I was ready, indeed, to give up the endowment entirely to the University, and to seek another exclusively for the Museum." The Syndicate, however, in their answer to Government, showed so studious a respect for the interests of the museum that exception could no longer be taken to the endowment being administered by the University on behalf of the Victoria and Albert Museum. "The University recommended that the professorship should be permanently conjoined with the curatorship, that the latter should remain a Government appointment, and that the duty of the professorship, as apart from that of the curatorship, should be original enquiry and not teaching." The appointment was to be made worth Rs. 1,000 a month.

I do not know what has become of this scheme, or what has become of the fund.

The Victoria and Albert Museum, then, was never intended to be in any sense a Natural History Museum. That this is the case is further shown by the description given in old *Times of India* Calendars. In one, beside me now, for 1871, we find :—"This Museum was established for exhibiting raw products and manufactures of India, and for illustrating the process of important manufactures.—Honorary Secretary, Dr. Bhau Daji, G.G.M.C., Honorary Member, R.A.S."

For many years it contained a collection of raw products, models of some agricultural and other implements, as well as some specimens of manufactures. When the present Curator was appointed, the curatorship was conjoined with the professorship of Biology in the Elphinstone College. This made the joint appointment worth Rs. 400, rising to Rs. 500, a month, of which Rs. 200 a month represented the curatorship (Rs. 400 a month had been the salary of the Curator until about two years before the present management came into force, but for some reason or other, Rs. 200 a month was diverted, I understand, to the Sir J. J. School of Art, Bombay).

The total grant to the Museum for all purposes, at this time, amounted to Rs. 500 annually. And this amount was spent on the ordinary incidental expenses of the Museum and establishment. The present Curator was very anxious to include a Natural History Department, and he made applications to Government for grants of money to spend on natural history specimens. As the Director of Public Instruction very cordially supported these applications, Government showed a willingness to help. But there was the one great difficulty in the way—the all important difficulty of getting money. However, Government made a beginning by promising, and giving, Rs. 100 a month for natural history collecting. They further sanctioned the employment of two men on small salaries as skinners, &c. That was the commencement of a Natural History Department in the Museum. The old collections were completely overhauled, and have been, as far as possible, renewed and extended as opportunity and the scanty funds permitted. At the present moment, I think, the following points can be verified :—

1. That the Museum now contains a nearly full collection of the economic products of the whole of India : Gums and resins, dyes and tans, fibres, oil-seeds and oils, medicinal products, food substances, spices, &c.

2. There is a fair collection of the textile manufactures of the presidency.

3. There is a small collection of the models of local and foreign agricultural implements.

4. There is a growing collection of the different kinds of artware of the Presidency.

5. There is a miscellaneous collection, which includes a collection of figures of the different classes of natives of Western India, and specimens of manufactures and artware from various parts of India.

And lastly, there is the Natural History collection. The Natural History collection was commenced some years ago by the present Curator. It was at that time hoped that the Museum would benefit by the work of the Natural History Society, which had just been formed, and whose meetings were then held in the Museum. But the Museum was soon found to be very inconvenient as a place of meeting, as it was so far from the Fort, and it was decided to rent rooms in the Fort. The collections of the Society were needed to make the rooms attractive, and as the private collections of an enthusiastic member, now the Honorary Secretary of the Society, were also lent to decorate the walls of the rooms, the place of meeting became attractive from the first, and the Society became exceedingly popular.

The Society continually received specimens, sometimes single, sometimes collections, the work of years ; whilst the large number who joined the Society, by merely paying a ten-rupee subscription, gave a very considerable revenue to the Society. The success of the Society, however, did not help the Museum, which has had all along to depend on its own efforts, and on the very small grant which was for the first time granted by Government for Natural History collecting, and which has been continued by the Municipality—Rs. 100 a month.

When it is remembered that there were no materials at our disposal, and that jars and bottles, spirits of wine, and other preservatives have had to be purchased, and the travelling expenses of our small staff paid, out of the grant, when it is remembered further that this Natural History collection is not the primary work of the Museum, that it is, indeed, only a voluntary undertaking on the part of the Curator, must admit that, in the time, and with the means at our disposal, a good deal has been done. The Natural History section of the Museum *cannot* compete with the Natural History Society's collection. Natural History is the work of the Society, and, with a considerable revenue and generous members who present valuable specimens and collections to the Society, as well as with a most successful and energetic Honorary Secretary who has indeed been the chief means of making the Society the great success it is—there can be no question of competition with our limited efforts. But whilst the Natural History Rooms are open principally to the European and wealthier native communities, our Museum is visited by many thousands of the very poorest people who appreciate the privilege of seeing what is, to them, strange and wonderful, and the collection, such as it is, is a boon to many thousands of people instead of to a privileged few.

Latterly, the Curator has been fortunate in having an Assistant Curator, Mr. R. M. Dixon, B.A., who has thrown himself into this work with enthusiasm. To obtain fishes and other marine specimens the collectors must be at one or other of the bunders round Bombay, Colaba, Chowpatty, Mazagon, Worlee, Mahim, Bandra, &c., by daylight, and Mr. Dixon has gone with one or other of our two men, morning after morning, often for weeks on end. But this work cannot go on indefinitely, for we have not bottles enough nor spirits of wine enough to continue. The Museum has no scientific library, no works of reference, such as are essential for identifying and naming specimens. In fact it began its new work *sans everything* !

But it is necessary to keep in mind the fact that the Museum is still essentially an economic Museum. Indeed, it is not in any way suited for a Natural History Museum. Already the new cases and cupboards have taken up the available wall space, and it is difficult to find a place for more. The Museum is at present under the Municipality, but, as with Government, so with the Municipal authorities,

the difficulty is where to get money, and they give just the same amount as Government was giving at the time the transference took place. There is a special grant for artware equal to the Natural History grant—Rs. 100 a month—but that is given for a special purpose.

The year under report has not been a remarkable year in any way. There has been the usual routine work—now harder than ever—necessary in order to keep the various collections in good preservation, and protect them from the numberless insect and other pests which, when there is the least carelessness, soon make havoc amongst specimens. There has been steady work in adding to the additions already made, as opportunity and funds permitted.

The following are the various details of the operations during the past year :—

In the Natural History division several valuable additions were made during the year. The Department of Mammals received the following additions :—One specimen of the spotted wild cat from Henry Conder, Esq.; a dead lioness and a dead panther from the Superintendent, Victoria Gardens ; two young jackals from Thanna ; a young wild hare from Chimbhoor ; and a curiously deformed double fœtus of a domestic cat from Mhow. The Department of Birds did not receive any important additions, excepting three crow pheasants from the island of Gharapuri, one snakebird from Kurjut, three eggs of the common crow from H. Conder, Esq., and a dozen eggs of four different kinds of birds from Thanna. To the Department of Reptiles and Batrachians were added three specimens of poisonous snakes, *Bungarus arcuatus*, the krait, *Naga tripudians* (the Cobra), and *Daboia Russelii* (Russel's viper) from Henry Conder, Esq., three specimens of *Daboia Russelii* (Russel's viper) from Thanna, one specimen of *Trimesurus carinatus* (the poisonous green snake) from Kalyan, one specimen of *Trimesurus anamallensis* (the poisonous green tree-snake) from Khandalla, five specimens of *Naga tripudians* (the cobra) from Poona, Kalyan, Bombay and Surat, seven specimens of four kinds of *Hydrophidæ* (sea snakes), two specimens of *Lycodon aulicus* (the carpet snake), one specimen of *Eryx Johnii* (the double-headed snake), three of *Passerita mycterizaus* (the golden tree-snake), one specimen of *Dracœna varanus* (the Indian monitor) from Matheran, and two other lizard and three tree-frogs from Khandalla. The Department of Fishes, Crustacæus and Molluscs received the following additions :—One hundred and twenty-nine specimens of fishes of thirty-six different species, one specimen of the tiger-fish (*Stegostoma tigrinum*), two specimens of the saw-fish (*Pristis perotteti*), seven specimens of the electric torpedo-fish (*Narcine timlei*), five specimens of the dog-fish (*Chyloscyllium indicum*), two of the shark (*Carcharias dussumieri*), two of the hammer-headed shark (*Zygaena malleus*), two of the hammer-headed shark (*Zygaena Blochiis*), two specimens of *Trygon zugei*, one of

Trygon bleekeri, two of *Trygon sephen*, one of *Trygon uarnak*, and two of *Trygon sp.*, one specimen of *Ætobatis narina*, two specimens of *Rhinobatis thoini*, and two specimens of *Dicerobatis ereegoodoo*, four zebra soles (*Cynoglossus lingua*,) one specimen of a large *Squilla mantis*, two specimens of the crayfish (*Palinurus*), nine crabs of four different species, thirty specimens of sea-urchins (*Echinus*), two of starfish, four feather-stars, and a small collection of shells representing 103 different species by presentation from A. W. Crawford, Esq., of California. The Department of Entomology received additions of nearly 350 specimens of butterflies and moths of 47 different species from Matheran, Poona, and Thanna, and 38 beetles of seven different species from the island of Salsette. The Geological Department received a few fossilized shells by presentation from B. Venkaya Roydu, Maharaja of Sitabuldi, Nagpur.

The most important addition in the division of Anthropology was the collection of Indian drugs and economic products received from Calcutta. The collection was made by the Bombay Government, in conjunction with the Government of India, for the London and Colonial Exhibition and was returned to the Victoria and Albert Museum as promised in Government Resolution No. 3647 of the 6th October 1884. The collection contains nearly 2,300 specimens of gums and resins, dyes and tans, fibres and oil-seeds, food substances, spices and medicinal products representing their commercial varieties in present use in India. The division of Anthropology did not receive any other additions excepting two Kashmere shawls secured by purchase, a parcel of silk cotton from the Superintendent, Bangalore Museum, and three silver coins and thirty-seven copper coins received by presentation from Dr. G. M. Dixon, L. M. & S., Acting Civil Surgeon, Karwar.

As usual the specimens in the Departments of Mammals and Birds were all carefully attended to during the year. Five smaller mammals were skinned, stuffed and mounted, and two skins of larger mammals were cured and preserved for the Museum. Also 91 bird-skins were stuffed and mounted, and small perches. In the Department of Reptiles six cobras were preserved with their hoods expanded, and four Russel's vipers were mounted in a striking position. All the other specimens of reptiles, as well as the collection of fishes, crustacæus and molluscs preserved in spirits were regularly inspected and the spirit changed when necessary to prevent any specimens from deteriorating. The entomological collection had the usual attention paid to it, and all the specimens were constantly treated with preservatives. The collection of shells was partly overhauled. We now exhibit all our shells in small tin-cases which has greatly improved the appearance of the whole collection.

As required in Government Resolution No. 1902 of the 28th March 1887, in the Revenue Department, I placed myself in communication with the authorities of the Indian Museum, Calcutta, with a view to

ascertain the wishes of the Government of India with regard to the collection of Tusser cocoons to be made in this Presidency. I regret to say I could not do much in the way of securing live specimens for the Indian Museum. My supplies depended entirely on the district officers, most of whom, contrary to my instructions, sent me either a large number of dead cocoons or occasionally empty cocoons from which the moths had escaped! These, of course, were utterly useless for the purpose for which the cocoons were wanted—making a collection of the moths.

In the Division of Anthropology the specimens of textile manufactures had to be frequently taken out and examined, and the cases were freely supplied with preservatives to protect them from the attacks of insects, especially white ants. All the other specimens in the various departments of the division had regular attention paid to them to keep them in good order. Owing to improper packing, the cases of economic products from Calcutta were received in a bad condition. They had all to be cleaned, and the glass panes of most of them were broken and had to be repaired. All the cases are now exhibited on the walls of the economic products' room downstairs.

A statement showing how the annual and special grants were utilized will be found in Appendix A at the end of the report.

During the year under report the museum was open to the public for 313 days, and the total number of visitors was 586,228, showing an average daily attendance of 1,872. The previous year the Museum was open for 295 days and the total number of visitors was 674,327, showing an average daily attendance of 2,285. Thus, it will be seen that this year there was a decrease in the total number of about 88,099 and in the average daily attendance of about 413. This is to be attributed to the changes in the Museum hours during the five months from 1st June to 31st October 1887. On Saturdays and Sundays the number of visitors in the three hours from 7 A.M. to 10 A.M. varies from 100 to a little over 200, whereas in the three hours from 10-30 A.M. to 1-30 P.M., the number varies from 400 to 600. I am of opinion that it will be better to return to the old hours on Saturday, *i.e.* from 10-30 A.M. to 5-30 P.M., leaving Sundays for longer trial at the new hours 7 A.M. to 10 A.M. and 2 P.M. to 6 P.M. Perhaps the hours might be tried, during the long days from 11 A.M. to 6 P.M., instead of 10-30 A.M. to 5-30 P.M., to suit the convenience of those who cannot get early to visit the Museum on Saturdays.

I have the honour to be,
Sir,
Your most obedient Servant,
D. MACDONALD, M.D.,
Secretary and Curator.

APPENDIX A.

STATEMENT SHOWING HOW THE ANNUAL AND SPECIAL WERE UTILIZED.

1.—*Natural History Grant.*

	Rs.	a.	p.
Spirits of wine and other preservatives	340	15	3
Freight on the bottles ordered out from Germany	135	1	9
In part payment towards the cost of the bottles ordered out from Germany	153	11	6
Two butterfly cabinets, two egg cabinets, and other entomological apparatus	394	5	8
For Natural History specimens	73	4	4
Laboratory boy	42	0	0
Travelling and Bhatta allowances to stuffer and skinner	60	9	6
Total Rs. ...	1,200	0	0

2.—*Grant for Cases.*

	Rs.	a.	p.
Freight on the cases from England	239	12	0
In part payment towards the cost of the cases from England	257	1	6
Two stands for the cases	24	8	0
Stands for birds	78	10	6
Total Rs. ...	600	0	0

3.—*Artware Grant.*

	Rs.	a.	p.
A set of photographs from Ajunta Paintings	100	0	0
Kashmere shawls	100	0	0
Head dresses, turbans, models, &c., ordered from the districts (not drawn)	1,000	0	0
Total Rs.....	1,200	0	0

TWENTY-SECOND ANNUAL REPORT OF THE HEALTH OFFICER.

MUNICIPAL COMMISSIONER'S OFFICE,
Public Health Department,
BOMBAY, 25*th July* 1888.

From

T. S. WEIR, SURGEON-MAJOR,
Executive Officer of Health,

To

F. L. CHARLES, ESQ., C.S.,
Acting Municipal Commissioner
for the City of Bombay.

SIR,

1. I have the honour to submit the Annual Report for 1887.

2. The public health may be considered to have been favourable during the past year. The death-rate is a little over 23 per 1,000, but probably it is a little less considering the extraordinary expansion of the city. I doubt whether the increase of population is fully estimated.

3. The total deaths are 1,180 less than the average and 439 more than in the previous year.

4. Contrasted with the previous year, there has been a reduction of mortality from measles, fevers, diseases of the nervous system, and deaths from accidents.

5. It must be recollected that 1886 was a remarkable year in the sanitary history of this city; in that year the smallest number of deaths ever recorded in Bombay from cholera and small-pox were registered.

6. The total deaths, the rate of mortality of males and females, and the proportion of male to female deaths in each year since 1880 are contrasted in the table following :—

Years.	Total Deaths.	Death rate		Proportion of Male to Female Deaths.
		Males.	Females.	
1881	21,856	24·94	33·27	112·97
1882	20,468	23·36	31·14	113·05
1883	23,530	26·62	36·16	119·00
1884	22,542	25·29	34·96	109·01
1885	21,850	24·58	33·80	109·57
1886	20,074	22·45	31·24	108·27
1887	20,513	23·15	31·62	110·32

7. Before examining the mortuary statistics further, I will make some observations on questions of sanitary importance which have either been or are now under consideration.

8. *The Law and Magistrates: Adulteration of Food.*—There is no use in having a law to punish persons for adulteration of food unless magistrates enforce the law and punish the persons who do adulterate and sell adulterated food. The practical question will be, when there is an Adulteration Act, how is a magistrate to be compelled to punish people as the public think people for the offence of adulteration ought to be punished, for Municipal officers represent the public, and the poor public especially. There is no use in having an Adulteration Act unless that persons offending against the Act are punished. One magistrate considers that Municipal officers are making a prosecuting machine of his court, although Municipal officers have always considered, and I believe rightly, that the courts were machines by which persons should be punished. If there is to be an Adulteration Act it must be distinctly understood that it is the duty of Municipal officers to enforce that Act. It is not right that any opprobrium should attach to public officers for doing that which the law compels them to do. I am far from suggesting that the charges which we bring against persons for offending the law do not receive attentive consideration. Our prosecutions have received the most careful attention of magistrates, and some magistrates, after giving very patient attention to cases, have come and seen serious nuisances from which we have been endeavouring to protect the general public and the poor who cannot protect themselves. The fact is that in this city the magistrates are too few to hear all the cases which should be brought before them. But there is likely to be, as there has been, a difference of opinion between some magistrates and us as to our duty to the public and as to the intentions of those who framed the Municipal Law; we consider that our duty is to protect the public, a magistrate is prone—that is my complaint—to consider the protection of the public secondary to the intentions of the law-makers. The magistrate looks to legal phrases: we look not to words, but to the public safety. One magistrate has expressed an opinion that the causing or permitting of a nuisance ought *not* to be considered a *criminal offence*, because there was no criminal intent. This is the view of a magistrate, but I do not think it is the view of people who suffer from a nuisance. It is the difference of being far from and close to a nuisance.

9. *Open Drains.*—I am in favour of open drains between buildings and street arteries for the outlying portions of the city. If there was above each sweeper's gully a water pipe and a stream of water flowing down the gully, the condition of the sweeper's gullies or passages would be totally different to what the condition of the gullies now is and must be, and the sweeper's gullies would form safe passages for the conveyance of liquid refuse from buildings to sewers.

10. *Density of Population.*—In the last Annual Report, in writing of the density of the population, I pointed out that the density of the population was chiefly due to want of roads and that there was not a want of space for the population, for more than half the Island had a small population but want of roads to open space. The city is compressed because of want of roads to open ground and open space which cannot now be made use of. Not only is the construction of roads in the suburbs necessary, but I regard the widening of roads, especially on the eastern side of the Island, of the highest sanitary importance. I would also suggest the construction of footpaths by the side of the water pipes laid down the northern valley; in these portions of the city the people have either to wade through rice-fields in going by the shortest ways or to go a long distance by the few public roads. To the north of Dadur, east and west, roads or foot-ways are very much needed. A few years ago the absence of roads in this portion of the city was not of any importance, but now it is of importance, for a large population is collecting in the north of the Island, and roads are needed for their use.

11. *Nuisance caused by Factories.*—I have observed during the year a serious public nuisance caused by fluff from cotton mills, and I have seen some of the public roads looking as if a shower of snow had fallen. I found cotton fluff blown from a mill a distance of 250 yards and deposited in a building and in rooms and on windows and beds. I drew the attention of the Inspector of Factories to this nuisance caused through fluff escaping from mills, but the Inspector apparently cannot prevent the nuisance under the Factory Act. He wrote to me as follows:—"This is a matter over which I have no control whatever "under the Factories Act. It is one entirely for your Department." I am doubtful whether this imperfect mill arrangement and the nuisance and injury to health from it can be prevented under the proposed Municipal Law; owners of factories allowing dust to escape in such a way as to cause nuisance can be prosecuted; cotton fluff, I hope, can legally be considered to be a substance referred to in the Act.

12. *Factory Labour.*—I am satisfied that the law does not give sufficient protection to young boys and girls working in factories in this city. The relations of people working in factories, as well as the operatives, are coming to understand that factory life is devitalizing: they say that young people especially cannot continue working in factories without losing their health and strength, and that a complete rest, every 2 or 3 years, is necessary to preserve health. The influence of factory life, considering the extension of manufacturing enterprise and the number of persons living by it is of great public importance. To judge of the effect of factory life compare the appearance of men and women engaged in hard out-door work, such as quarrying, with the appearance of factory labourers. I have been struck with the difference in the appearance of the two classes of labourers walking side by side at the end of a day's work—the mill labourers, feeble, weak and

having a pallid look; the quarrymen and women with active—springy gait and of cheerful look after hard work under the sun; such are the outward effects of hard in-door factory and of hard out-door quarry labour which can be observed by any one on any evening. It must, however, be remembered that the quarry labourers and the factory hands come from different classes; the quarry labourers are chiefly from the Deccan, whereas the factory hands are from the Coast plains. What is absolutely necessary is the protection of young people against being compelled by parents and relatives to work beyond their strength. The Factory Act does give such protection to children under a certain age, but it does not protect young people older than 9 years of age, and for whom protection is just as much needed. I am certain that factory work will have a most injurious influence on the population from whom its workers are drawn.

13. I think the Factory Act should be worked and enforced by the Police, and that a reward should be given for each conviction under Section 7, which enacts—"No child shall be actually employed in any factory more than 9 hours in any one day."

14. There is not the slightest doubt that there are a number of boys and girls under 15 years of age who are compelled by their relatives to work in the heat of the factories 12 hours a day. The effect is that these young people have to cease from all work and to return to their villages after a couple of years of this labour. It is not the factory proprietors who are to blame so much as the parents and relatives of these children and young people. It is fortunate that the workers in the mills have a connection with the soil and may return to till it; the workers themselves say that they require every few years complete rest from factory labour and must return for some months to renew their vitality by labour in the fields. At any rate there is growing up in our population a class which can be distinguished from their own class, from their own race engaged in other work, and from every other class, by a pallid look which may be called a "factory countenance."

15. The influence which factory smoke is found to have on the tender mango blossoms and on the health and productiveness of mango trees is suggestive of the influence which factory impurities in the atmosphere may have on delicate human health. In the case of the mango tree near factories, we have a very striking proof of the effect which air impurity can have on the health of trees.

16. *Railway Sanitation.*—You have under consideration a very important question—the accommodation at railway stations for sick passengers, and especially for sick third class passengers. There is no accommodation at any of the railway stations for sick passengers. One Company has medicines at each station for sick passengers, and the other Company has not. When on leave, I was struck with the much greater sanitary comfort in which third class

passengers in the Caucasus travel than in India, notwithstanding inferior railway organization in other respects in the Caucasus. The arrangement of the carriage space is much more strict than in India, and not only is the duty of passengers to the railway strictly insisted on, but the duty of passengers to passengers, and the passengers are protected against the selfishness of selfish passengers. Owing to the arrangement of the carriages, the latrine accommodation in one class may in an emergency be used by any other class passengers while the train is in motion. There is an increasing railway traffic to this city, and an increasing number of toilers from all parts of India cast into the population. The condition in which third class passengers are brought to the city is of great sanitary importance. I have no hesitation in writing that the conditions under which third class passengers are carried to and unloaded in the city, must have an injurious effect on the health of the passengers and, secondly, on the health of the city. The absence of proper latrine accommodation in third class carriages inflicts suffering especially on the weak or sickly passengers who must either foul the carriages or attempt to do what they have little strength for to run to conveniences in railway stations which ought to be in the train. There is now as much necessity for the supervision of the railway traffic as there is for any other form of sanitary supervision over the movements of the population.

17. *Street-Nuisances.*—I have brought to your notice the necessity of preventing the nuisance caused by children using at all times for natural purposes the footpaths of streets, and even the footpaths of some of the thoroughfares of greatest traffic in the city. Children are allowed to commit nuisances in a way that causes very great annoyance to the general public. This annoyance is greatest in the crowded portions of the city. As it is impossible to keep footpaths clean and sweet for traffic so long as children are permitted to foul them and people are permitted to wash children on them, I proposed the following section for your consideration :— "Whoever being the parent or guardian of a child under 10 years "of age permits or allows such child to use a public street or "thoroughfare to which the public have access for natural purposes "shall be liable to a penalty of Rs. 50 (fifty) for such offence." This nuisance was not referred to in the draft Municipal Act, and hence the proposal. The proposal was referred to the Solicitors for opinion, and they were of opinion "even if the legislature were to entertain "such a provision as that suggested by Dr. Weir (and this we cannot "help thinking is most unlikely), it seems to us that practically "it would be unworkable, as we do not think any magistrate would "ever feel justified in inflicting a fine on the parents in such "cases. We can find no precedent for any such enactment, and "we are disposed to think that the matter is one that can only be "dealt with under the Police Act, and so far as very young children "are concerned, we must admit that we can suggest no way in "which it can be very satisfactorily dealt with at all."

If it is understood that the nuisance cannot be dealt with by the Health Department, well and good, but unfortunately it is not so understood, and the Health Department are reproached for not doing what they cannot do.

18. The table following indicates the mortality by place of birth. Following on 1886 the deaths amongst the indigenous population are more than the deaths amongst immigrants ; 10,405 persons born in Bombay against 9,926 born elsewhere died ; the deaths of persons born in Bombay were only 69 more than in 1886, whereas the deaths of immigrants were 352 more.

RETURN SHOWING THE NUMBER OF DEATHS ACCORDING TO PLACE OF BIRTH IN 1887, EXCLUSIVE OF STILLBORN.

Months.	Bombay.	Elsewhere.	Unknown.	Total.
January	850	857	14	1,721
February	760	812	22	1,594
March	870	822	12	1,704
April	864	784	17	1,665
May	961	756	22	1,739
June	826	688	15	1,529
July	877	773	11	1,661
August	1,019	990	20	2,029
September	896	891	7	1,794
October	890	865	19	1,774
November	759	820	14	1,593
December	833	868	9	1,710
Total...	10,405	9,926	182	20,513

19. The sections of highest mortality are 2nd Nagpada, Mahaluxmi, Chuckla, Kamathipura, Tarwadi and Parel. In the former year the 2nd highest mortality, and nearly the highest mortality was also registered in 2nd Nagpada ; I have in the report for that year and also in other reports referred to insanitary conditions within this section. There is in this section, as I wrote last year, intense house-crowding, imperfect house ventilation and bad drainage. Not only does the total mortality indicate the bad sanitary condition of this locality, and the unfavourable chances of life, but the proportion of infant mortality also indicates the same. I believe the chances of life are better in Mahaluxmi, Tarwadi and Parel than indicated by the total mortality. The high mortality in these sections is greatly affected by fluctuation and increase of population, although there are defective sanitary conditions and especially absence of drainage in all three sections. In other portions of this report I have drawn attention to the foulness arising from population collecting in Parel and Tarwadi on land not prepared for population and land not having drains to carry away the refuse of the population collected on it.

RETURN SHOWING THE DEATH-RATE FROM ALL CAUSES IN EACH SECTION IN 1887.

Divisions.	Sections.	Number living, 17th February 1881.	Number dying in 1887, exclusive of stillborn.	Mortality per 1,000 of population.	1886.
A	Colaba... Upper	2,867	81	28·25	38·71
	Colaba... Middle and Lower	14,265	288	20·18	19·55
	Fort... Southern	3,515	21	5·97	7·11
	Fort... Northern	33,828	760	22·46	21·84
	Esplanade	13,080	202	15·44	12·92
B	Market	49,130	999	20·33	21·94
	Mandvi	42,351	1,259	29·72	28·78
	Chuckla	37,048	1,422	38·38	35·62
	Oomarkharee	54,656	1,594	29·16	29·43
	Dongri	33,290	743	22·31	24·24
C	Dhobi Talao	39,409	1,100	27·91	27·43
	Fanaswadi	23,218	445	19·16	18·39
	Shuleshwar	38,106	1,041	27·31	28·13
	Khara Talao	28,691	900	31·36	31·26
	Kumbharwada	34,990	901	25·75	27·60
	Khetwadi	29,436	731	24·83	21·97
	Girgaum	25,319	703	27·76	28·08
D	Chaupati	10,975	226	20·59	17·85
	Walkeshwar	11,303	159	14·06	17·16
	Mahalakshmi	6,232	246	39·47	27·92
E	Mazagon	27,904	647	23·18	22·86
	Tarwadi	14,542	529	36·37	37·40
	2nd Nagpada	15,922	665	41·76	38·06
	Kamathipura	28,455	1,056	37·11	35·77
	Tardeo	20,281	472	23·27	23·17
	Byculla	26,842	908	33·82	28·50
	1st Nagpada	9,372	316	33·71	31·58
	Parel	18,560	657	35·39	32·05
	Sewri	5,555	128	23·04	21·96
F	Sion	17,237	296	17·11	16·41
	Mahim	17,309	397	22·93	23·45
	Worli	14,621	357	24·21	22·91
Water Division		24,887	77	3·09	1·72
Non-Resident and Unknown		...	187	.....	.....
	Total.....	773,196	20,513	* 23·25	.....

* Annual increment of population is calculated.

20. The mortality arranged in groups of important death causes is exhibited in the table following. Contrasted with the preceding year there is a reduction in the mortality from the following causes:—Measles, fevers, and diseases of the nervous system and an increase in the mortality from phthisis, diseases of the respiratory system, small-pox, cholera, diarrhœa and dysentery, in fact chiefly an increase from two epidemic causes—small-pox and cholera and choleraic affections. It must be

recollected that 1886 is memorable in the sanitary history of this city as the year of the smallest number of deaths from cholera and small-pox and that the mortality from both causes was extraordinarily low. In the Annual Report of 1886 I referred to the small number of deaths from cholera and small-pox in that year as follows:—"So small a "mortality as 19 from cholera—a very remarkable sanitary event for "this city, and that event is still more remarkable through the occur- "rence of an equally low mortality from small-pox."

RETURN SHOWING THE NUMBER OF DEATHS FROM DIFFERENT CAUSES IN 1887.

Causes of Death.	Number of Deaths.	Rate per 1,000 of Population.	REMARKS.
Small-pox	108	·12	
Measles	547	·62	
Fever	5,612	6·36	
Cholera	269	·31	
Phthisis	2,701	3·06	Annual increment of population is calculated.
Diseases of the Nervous System	1,981	2·25	
Do. Respiratory System	3,866	4·38	
Diarrhœa	1,070	1·21	
Dysentery	570	·65	
Accidents	364	·41	
All other causes except Stillborn	3,425	3·88	
Total...	20,513	23·25	

21. In the table following the rate of mortality in 5 Hindu classes is shown and can be contrasted with the mortality in other classes of the population. The rate of mortality amongst the great and increasing mass of the Hindu population may be considered favorable; a death-rate of 24·1 on a population, enumerated in 1881, is not high. In regard to the mortality amongst the small class of Jains, I have had to examine houses occupied by some of the Jain population because of their unwholesome condition; their condition was very bad—the ground-floors so dark that a light had to be kept in the day time, and this darkness of building with imperfect and dangerous house drainage—under-ground floor. Many of the poorer classes of Jains who come here to find a living, dwell in very unwholesome buildings and under very unfavourable conditions.

RETURN SHOWING THE NUMBER OF DEATHS AND THE RATE OF MORTALITY AMONGST DIFFERENT CLASSES IN 1887.

Classes.	Population by Census of 1881.	Number of Deaths.	Per 1,000 of Population.
Jains	17,218	928	53·89
Brahmins	85,428	789	20·85
Lingaets	1,167	26	22·27
Bhatias	9,417	285	30·26
Hindus of other castes	407,717	9,861	24·18
	470,947	11,889	25·13
Hindu low-castes	49,122	1,540	31·34
Mussalmans	158,024	5,016	31·74
Parsees	48,597	995	20·47
Jews	3,321	94	28·30
Native Christians	30,708	697	22·69
Eurasians	1,168	66	56·50
Europeans	10,451	180	17·22
Negro-Africans	689	73	105·95
Buddhists	169	2	11·83
Other and unknown castes	.....	11	.....
Total...	773,196	20,513	23·25*

* Increment of population is calculated.

22. An impression exists that the mortality of Parsee females during the nubile period of life is comparatively higher than amongst females in any other class; this impression is a mistaken one as the table following shows. Not only does this table show, but the health statistics of this city show that Parsee women and children, as well as Parsee men, have greater chances of life than most other classes in our population. Besides other conditions favourable to health under which Parsees live, there is one condition to be observed in houses of the Parsee population in crowded localities, and that condition is the dry state of the ground-floor as compared with what may be seen in other houses of other classes in crowded localities, for the ground-floors in houses of Parsees are less water-saturated than in the houses of some other classes. In each Parsee house is a well, and I think it is not improbable that the existence of this well, when the water is not contaminated, is in some ways favourable to the health of the people; a well tends to keep dry the ground-floor, and as there is an open space over the well, it brings light which would not be admitted but for the well, and Parsees are very careful to notice impurity of well-water within their houses.

RETURN SHOWING THE NUMBER OF DEATHS AND THE RATE OF MORTALITY AMONGST FEMALES FROM 15—40 YEARS OF AGE, IN THE FOLLOWING CLASSES DURING 1887.

Classes.	Population.	No. of Deaths.	Per 1,000 of Population.
Hindus, excluding Jains	91,386	1,283	14·03
Hindus, low-caste	11,131	163	14·64
Mussulmans	30,620	916	29·91
Parsees	9,346	82	8·77
Christians	7,327	112	15·28

23. The mortality in the four great classes of the population usually taken in each year for comparative examination is shown in the table following, and exhibits an increase of mortality amongst Mussalman and a slight enhancement of mortality amongst Brahman classes, and a decrease in the mortality of Parsees and Europeans. The health of three of the classes, Brahmans, Parsees, and Europeans, is exhibited in a very favourable condition, for in two of the classes—Europeans and Brahmans—there has been a considerable increase of population, and yet the mortality of Europeans is only 17·2, and the mortality of Brahmans 20·8 per 1,000. The mortality of Europeans in this city has not been so low for many years as in 1887. I believe that one great cause affecting the mortality of the Mussalman population is imperfect street and house ventilation, arising out of the house pressure and overcrowding in the localities in which great numbers of Mussulman live. There has also been a great increase in the Mussulman population, still, notwithstanding such increase, the mortality is high, and were it not for the great attention paid to personal sanitation and food selection by Mussulmans, this overcrowding and imperfect house ventilation would cause a very much greater fatality. It must be noted that the mortality from all epidemic causes amongst the Mussalman population is below the average, while the mortality from fevers especially is above the average. There is also a considerable difference between the male and female mortality, the male mortality being 26·62 and the female 39·31 per 1,000 of population.

RETURN SHOWING THE TOTAL NUMBER OF DEATHS AND THE RATE OF MORTALITY IN THE FOLLOWING CLASSES SINCE 1877

PER 1,000 OF POPULATION.

	Total No. of Deaths in the City.	Brahmins.	Parsees.	Europeans.	Mussalmans.	REMARKS.
1877...	33,511	29·93	23·04	30·33	45·26	These calculations are made on the population of 1872.
1878...	26,999	31·83	24·99	31·98	49·12	
1879...	22,527	27·99	20·45	24·81	41·57	
1880...	21,146	27·60	20·14	26·88	37·44	
1881...	21,856	19·05	20·10	22·77	31·05	These calculations are made on the population of 1881.
1882...	20,468	21·02	18·43	17·70	29·87	
1883...	23,530	23·06	22·96	18·94	34·53	
1884...	22,542	22·32	22·86	19·23	33·27	
1885...	21,850	24·69	20·43	19·23	32·02	
1886...	20,074	20·71	21·42	17·89	30·57	
1887...	20,513	20·85	20·47	17·22	31·74	

24. In the table following a more complete view of the mortality in the European and Parsee population is given. The probable increase of population in each class has not been calculated. I drew attention in the last Annual Report to the significance of the European death-rate being lower than a few years ago :—

TABLE EXHIBITING THE MORTALITY AMONGST EUROPEANS AND PARSEES DURING A SERIES OF YEARS.

Years.	Parsees. Per 1,000 of Population.	Europeans Per 1,000 of Population.	Remarks.
1872.....	28·44	29·22	These calculations are based on the population of 1872.
1873.....	21·97	24·54	
1874.....	22·31	25·21	
1875.....	24·08	32·53	
1876.....	23·74	24·67	
1877.....	23·04	30·33	
1878.....	24·99	31·98	
1879.....	20·45	24·81	
1880.....	20·14	26·88	
1881.....	20·10	22·77	These calculations are based on the population of 1881.
1882.....	18·43	17·70	
1883.....	22·96	18·94	
1884.....	22·86	19·23	
1885.....	20·43	19·23	
1886.....	21·42	17·89	
1887.....	20·47	17·22	

25. As in the previous year, the mortality of male children under 1 year of age is higher than the mortality of female children, while from 1 to 5 years the mortality of male children is lower. Between 12 and 40 years of age, the mortality of females is 6·51 per thousand higher than of males. The total mortality of children under 1 year of age is 9 less than in 1886, and this infant mortality is distributed by sex in the following rates:—males 290·78, females 236·09, while in the preceding year the infant death-rate of males was 287·81, and females 239·74. A further examination of the infant mortality shows

that, considering the resuscitation of small-pox and the mortality from cholera and measles, the health of the infant population during this year has been more favourable than might have been expected, and compares favourably with the preceding year. The proportion of deaths of infants to population is nearly the same as in the previous year, while the proportion of deaths to births is 1·40 less. The total female mortality is 8·4 higher than the male mortality; the excess is a little less than in the foregoing year. The excess of female mortality during the nubile period is 6·51 against 7·58 in 1886.

RETURN SHOWING THE DEATH-RATE AT DIFFERENT PERIODS OF LIFE.

AGES.	MALES.			FEMALES.			Males to 100 Females.
	Population.	No. of Deaths.	Per 1,000 of Population.	Population.	No. of Deaths.	Per 1,000 of Population.	
Under 1 year	11,132	3,237	290·78	11,504	2,716	236·09	119·18
„ 1 to 2 years	7,830	798	101·91	7,964	856	107·48	93·22
„ 2 to 3 „	6,851	346	50·50	7,237	418	57·35	82·77
„ 3 to 4 „	6,879	178	25·87	6,806	201	29·38	88·55
„ 4 to 5 „	7,948	113	14·21	7,602	126	16·83	88·27
„ 5 to 6 „	6,861	71	10·34	6,759	69	10·20	102·91
„ 6 to 7 „	8,184	69	8·43	7,882	69	8·75	100·00
„ 7 to 8 „	7,977	45	5·64	6,882	53	7·70	84·90
„ 8 to 9 „	7,137	26	3·64	6,398	34	5·31	76·47
„ 9 to 10 „	12,596	36	2·85	9,347	62	6·63	58·06
„ 10 to 12 „	19,579	101	5·15	13,032	129	9·89	78·29
„ 12 to 15 „	24,476	113	4·61	16,760	198	11·81	57·07
„ 15 to 20 „	58,584	440	7·51	43,754	650	14·85	67·69
„ 20 to 25 „	65,747	683	10·34	37,524	657	17·50	103·95
„ 25 to 30 „	63,025	622	9·86	32,249	598	18·54	104·01
„ 30 to 35 „	42,228	568	13·45	18,462	342	18·52	166·08
„ 35 to 40 „	39,478	655	16·59	21,038	443	21·05	147·85
„ 40 to 45 „	19,978	383	19·17	9,951	195	19·59	196·41
„ 45 to 50 „	20,380	567	22·91	14,188	309	21·77	183·49
„ 50 to 55 „	8,827	286	32·40	5,401	144	26·66	198·61
„ 55 to 60 „	10,621	554	52·16	9,514	443	46·56	125·05
„ 60 to 70 „	5,433	426	78·40	4,838	420	86·81	101·42
„ 70 to 80 „	2,340	306	130·76	2,609	416	160·00	73·55
Over 80 years	672	137	203·86	741	203	273·95	67·48
Total...	464,763	10,760	23·15	308,433	9,753	31·62	110·32

RETURN SHOWING THE NUMBER OF DEATHS AND RATE OF MORTALITY AT DIFFERENT PERIODS OF LIFE UNDER FIVE YEARS OF AGE.

	Deaths, 1886.	Per 1,000 of Population.	Deaths, 1887.	Per 1,000 of Population.
Under 1 year	5,962	263·38	5,953	262·98
„ 1 to 2 years	1,744	110·42	1,654	104·72
„ 2 to 3 „	675	47·91	764	54·23
„ 3 to 4 „	348	25·42	379	27·69
„ 4 to 5 „	242	15·56	241	15·49
Total...	8,971	109·73	8,991	109·97

26. *Small-pox.*—108 deaths have been registered from small-pox. This is a mortality 89 more than in the last year, but 240 less than the average of the 5 years preceding. There has, therefore, been the resuscitation of small-pox which I anticipated in the Annual Report for 1886 and in the First Quarterly Report of 1887. In the Annual Report for 1886 I wrote :—"The indications of a resuscitation of small-pox, "which have generally been observed in the period preceding an epi- "demic, must be carefully looked for towards the end of 1887. I ap- "prehend the occurrence of an epidemic of small-pox in 1888, from "certain indications I observed late in the hot season of this year, and "if cases of small-pox occur in the monsoon months of 1887, they may "be considered, judging from previous experience, as of grave import. "I pointed out in previous reports the danger that exists from unpro- "tected adults and infants, and such danger has been manifest in pre- "vious epidemics. It is necessary that the vaccination of stranger "adults and re-vaccination should be made compulsory. The fatality "of each epidemic is influenced by the susceptibility of unprotected "adults." The highest mortality fell in the small Jain community, being equal to ·34 per 1,000, and the second greatest mortality occurred in the mass of the Hindu population, classified in the table as Hindus of other castes. One death from small-pox occurred amongst Europeans. None occurred amongst Negro-Africans; when, small-pox has been prevalent, this small community of Negroes has been severely afflicted.

RETURN SHOWING THE NUMBER OF DEATHS FROM SMALL-POX DURING 1887.

Classes.	Population of 1881.	Number of Deaths.	Per 1,000 of Population.
Jains	17,218	6	0·34
Brahmins	35,428	2	0·05
Lingaets	1,167	.....	.....
Bhat as	9,417	.....	.....
Hindus of other Castes	407,717	79	0·19
Do. Low-Castes	49,122	7	0·14
Mussulmans	158,024	8	0·05
Parsees	48,597	1	0·02
Jews	3,321	.....	.....
Native Christians	30,708	4	0·13
Eurasians	1,168	.....	.....
Europeans	10,451	1	0·09
Negro-Africans	689	.....	.....
Buddhists	169	.....	.....
Other and unknown Castes	.....	.....	.....
Total.....	773,196	108	0·12*

* Annual increment of population is calculated.

27. The highest mortality 1·3 occurred in Colaba, and the next highest mortality ·8 in Parel. The mortality in these sections indicates the necessity of pushing vaccination in them. In 8 sections no deaths were registered from small-pox. Adult vaccination and re-vaccination

need to be extended ; for instance, in 1887 there were only 222 persons over 6 years of age vaccinated. My remarks in the last Annual Report have been favourably received by Government in their review of that Annual Report. I would further recommend that fees should not be charged in connection with vaccination. The greatest danger now to this city is from unprotected adults, for the fatality of each epidemic is influenced by the susceptibility of unprotected adults.

RETURN SHOWING THE DEATHS FROM SMALL-POX DURING 1887.

Divisions.	Localities.	Population by Census of 1881.	Number of Deaths from Small-pox	Rate of Mortality per 1,000 of Population.
A	Colaba... Upper	2,867	1	·34
	Colaba... Middle and Lower	14,265	19	1·33
	Fort... Southern	3,515	.....	.....
	Fort... Northern	33,828	.....	.....
	Esplanade	13,080	1	·07
B	Market	49,130	4	·08
	Mandvi	42,351	12	·28
	Chuckla	37,048	3	·08
	Oomarkharee	54,656	5	·09
	Dongri	33,290	3	·09
C	Dhobi Talao	39,409	7	·17
	Fanaswadi	23,218	1	·04
	Bhuleshwar	38,106	.....	.....
	Khara Talao	28,691	5	·17
	Kumbharwada	34,990	.....	.....
	Khetwadi	29,436	1	·03
	Girgaum	25,319	1	·03
D	Chaupati	10,975	2	·18
	Walkeshwar	11,303	.....	.....
	Mahalakshmi	6,232	1	·16
E	Mazagon	27,904	5	·17
	Tarwadi	14,542	3	·20
	2nd Nagpada	15,922	.....	.....
	Kamathipura	28,455	2	·07
	Tardeo	20,281	5	·24
	Byculla	26,842	7	·26
	1st Nagpada	9,372	1	·10
	Parel	18,560	15	·80
	Sewri	5,555	.....	.....
F	Sion	17,237	.....	.....
	Mahim	17,309	2	·11
	Worli	14,621	2	·13
Water Division		24,887	.....	.....
Non-Resident and Unknown		.....	.....	.....
	Total.....	773,196	108	·12*

* Increment of population is calculated.

28. It is not possible to obtain any reliable information regarding the number of children who died and who were vaccinated. But in the return attached the number of children primarily vaccinated is 226

more than in the previous year. This, I take it, was chiefly due to the apprehensions of an outbreak of small-pox which arose towards the end of the year.

RETURN OF DEATHS FROM SMALL-POX IN THE CITY OF BOMBAY IN DIFFERENT MONTHS, ARRANGED ACCORDING TO QUARTERS.

Years.	SMALL-POX.																Total of Year.
	Quarter 1st.				Quarter 2nd.				Quarter 3rd.				Quarter 4th.				
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
1848...	...	116	216	332	245	125	66	436	40	14	6	60	2	3	6	11	839
1849...	17	14	78	104	70	54	45	169	24	12	12	48	2	6	14	22	343
1850...	86	95	192	323	263	305	230	798	94	39	19	152	12	12	11	35	1308
1851...	24	69	110	203	138	74	45	257	19	8	4	31	2	6	11	19	510
1852...	31	113	209	353	232	190	119	541	36	25	14	75	5	7	22	34	1003
1853...	35	62	162	259	192	114	61	367	29	10	4	43	3	2	3	8	677
1854...	7	18	49	74	56	51	25	132	11	...	...	11	...	2	13	15	232
1855...	88	136	245	469	269	227	88	584	31	4	...	35	...	...	...	...	1088
1856...	14	39	47	100	39	16	6	61	3	1	2	6	4	2	6	12	179
1857...	35	33	35	103	55	56	42	153	22	25	11	58	12	6	14	32	346
1858...	85	247	584	916	453	207	70	730	18	20	4	42	1	4	21	26	1714
1859...	27	60	102	189	74	40	32	146	18	10	1	29	...	2	8	10	374
1860...	17	15	49	81	28	21	12	61	5	5	3	13	2	3	6	11	166
1861...	32	142	496	670	483	304	105	892	43	12	4	59	2	2	2	6	1627
1862...	5	10	21	36	27	32	25	84	18	10	5	33	3	4	3	10	163
1863...	11	51	161	223	252	203	209	664	92	30	11	133	9	12	18	39	1059
1864...	65	158	367	590	438	302	185	925	85	43	20	148	10	13	21	44	1707
1865...	36	59	136	231	173	68	32	273	11	9	7	27	5	9	22	36	567
1866...	35	98	257	390	271	209	112	592	54	23	9	86	2	1	8	11	1079
1867...	14	66	247	327	212	190	151	553	81	40	16	137	10	11	17	38	1055
1868...	42	95	166	303	218	225	191	634	76	36	20	132	8	19	27	54	1123
1869...	80	178	415	673	418	341	195	954	53	24	11	88	4	2	4	10	1725
1870...	6	26	61	93	122	130	79	331	41	21	18	80	22	13	17	52	556
1871...	65	78	164	307	216	189	107	512	45	20	7	72	9	9	10	28	919
1872...	63	162	376	601	431	339	220	990	113	38	30	181	28	18	36	82	1854
1873...	66	125	193	384	157	105	38	300	13	5	1	19	1	4	6	11	714
1874...	8	23	55	86	62	53	18	133	8	1	2	11	3	9	19	31	261
1875...	15	11	35	61	36	32	25	93	24	11	6	41	4	10	39	53	248
1876...	200	646	1218	2064	654	298	92	1044	27	11	5	43	5	2	16	23	3174
1877...	57	115	231	403	257	109	66	432	33	18	18	69	9	16	29	54	958
1878...	24	39	68	131	79	65	43	187	29	6	...	35	1	...	3	4	357
1879...	21	47	95	163	126	85	45	256	34	8	3	45	1	5	9	15	479
1880...	10	34	51	95	38	36	21	95	9	4	4	17	...	...	...	...	207
1881...	1	1	7	9	9	4	7	20	2	1	...	3	3	...	...	3	35
1882...	1	...	3	4	3	2	3	8	2	1	1	4	2	18	56	76	92
1883...	150	372	519	1041	298	81	35	410	7	1	...	8	1	1	...	2	1461
1884...	6	11	18	35	24	29	14	67	5	2	...	7	...	1	2	3	112
1885...	6	4	10	20	12	12	9	33	...	1	...	1	...	...	1	1	55
1886...	1	...	4	5	7	4	2	13	...	...	1	1	...	...	...	...	19
1887...	4	2	18	24	17	16	13	46	14	1	3	18	2	3	15	20	108

Abstract of Monthly Returns of Vaccination ... *by the Superintendent of Vaccination, Presidency Circle, Bombay, for the year 1887.*

PRIMARY VACCINATION OPERATIONS.

| Months. | Total number of persons primarily vaccinated. | Sex. | Castes. | | | | | | | | | | | | | | | | | | | | | | Under one Year. | | | Age. | | | | | | | | | | | | | | | | | | | | | | Results. | | | | | | | | | | | | | | | | | | |

29. *Fevers.*—There is a further reduction in the mortality from fevers this year. This is satisfactory. In the previous year there was also a remarkable reduction in the deaths from fevers. In 1886, 5,820 deaths from fevers were registered, being 828 deaths less than in the previous year and 434 less than the average of the 5 preceding years; and in 1887 the mortality from fevers is 208 *less* than in 1886 and 519 *less* than the average. 5,612 deaths have been registered from fevers. 4,179 were referred to remittent fever, being 300 less than in the last year and 541 less than the average; 187 were ascribed to ague, being 41 more than in the last year, but 73 less than the average; 1,227 were referred to simple continued fever, being 50 more than in the last year and 94 more than the average; 19 were referred to enteric fever, being one more than in the last year and one more than the mean. Although the registration of fever types cannot be considered exact, the statistics indicate a reduction of total fever fatality.

30. The incidence of the fever mortality by race follows nearly the same direction as in the previous year; excluding Negro-Africans the highest death-rate has been registered amongst Jains and Hindu low-castes, and the lowest death-rate amongst Europeans and other Christians, Parsees and Brahmins. The mortality amongst Mussalmans is a little lower than in the previous year, and the deaths amongst the great mass of the Hindu population is 111 less than in the previous year.

RETURN SHOWING THE NUMBER OF DEATHS FROM FEVERS AND THE RATE OF MORTALITY IN 1887.

Classes.	Population.	Number of Deaths.	Rate of Mortality per 1,000 of Population.
Jains	17,218	262	15·21
Brahmins	35,428	225	6·35
Lingaets	1,167	6	5·14
Bhatias	9,417	83	8·81
Hindus of other Castes	407,717	2,849	6·98
Hindu Low-castes	49,122	473	9·62
Mussalmans	158,024	1,276	8·07
Parsees	48,597	192	3·95
Jews	3,321	27	8·13
Native Christians	30,708	171	5·56
Eurasians	1,168	4	3·42
Europeans	10,451	28	2·67
Negro-Africans	689	14	20·31
Buddhists	169	.....	.....
Other and unknown Castes	.....	2	.....
Total...	773,196	5,612	6·36*

* Annual increment of population is calculated.

31. During the first year of life the mortality from febrile conditions is high, the mortality does not, however, fall equally on each sex, the death-rate of male children as in the previous year being higher than the mortality of females. Up to the fourth year the mortality of children is high, and after the fourth year it falls; between the ninth and tenth year the mortality of males is 1·1 per 1,000, while at a previous age period between seven and eight the mortality of females was 2·1. The mortality from fevers falls heaviest on females: while the female death-rate is 8·60, the male death-rate is only 6·36. There is a greater reduction of female than male mortality since the last year.

TABLE SHOWING THE RATE OF MORTALITY FROM FEVERS AMONGST MALES AND FEMALES AT DIFFERENT PERIODS OF LIFE.

Ages.	Mortality from Fevers.					
	Male Population of 1881.	Males.	Per 1,000 of Population.	Female Population of 1881.	Females.	Per 1,000 of Population.
Days 1 to 30...	889	62	69·74	873	42	48·10
Months 1 to 6...	4,159	342	82·23	4,330	343	79·21
„ 7 to 12...	6,084	386	63·44	6,301	388	61·57
Years 1 to 2...	7,830	279	36·90	7,964	329	41·31
„ 2 to 3...	6,851	126	17·95	7,237	150	20·72
„ 3 to 4..	6,879	79	11·48	6,806	70	10·28
„ 4 to 5...	7,948	45	5·66	7,602	54	7·10
„ 5 to 6...	6,861	23	3·35	6,759	22	3·25
„ 6 to 7...	8,184	30	3·66	7,882	25	2·34
„ 7 to 8...	7,977	17	2·13	6,882	15	2·17
„ 8 to 9...	7,137	9	1·26	6,398	15	2·34
„ 9 to 10...	12,596	14	1·11	9,347	22	2·35
„ 10 to 12...	19,579	45	2·29	13,032	35	2·68
„ 12 to 15...	24,476	46	1·87	16,760	52	3·10
„ 15 to 20...	58,584	184	3·14	43,754	146	3·33
„ 20 to 25...	65,747	199	3·02	37,524	149	3·97
„ 25 to 30...	63,025	179	2·81	32,249	127	9·93
„ 30 to 35...	42,228	136	3·22	18,462	79	4·27
„ 35 to 40...	39,478	156	3·95	21,038	99	4·70
„ 40 to 45...	19,978	82	4·10	9,951	49	4·92
„ 45 to 50...	20,380	130	6·37	14,188	75	5·28
„ 50 to 55...	8,827	69	7·58	5,401	38	7·03
„ 55 to 60...	10,621	127	11·95	9,514	112	11·77
„ 60 to 70...	5,433	93	17·11	4,838	96	19·84
„ 70 to 80...	2,340	67	28·66	2,600	84	32·30
Over 80 years...	672	33	49·10	741	38	51·28
Total. .	464,763	2,958	6·36	308,433	2,654	8·60

32. In 1886, the highest mortality from fevers was registered in Chuckla, and although in this year the highest mortality has not occurred in Chuckla, this section occupies the second place with a mortality of 11·2, the highest death-rate having been registered in Parel 11·69. Parel occupies the first place in the fever death-rate by localities. The expansion of population in this rapidly developing section of Parel must be remembered. Still that expansion does not account wholly for the high fever fatality; the chief cause, and the most fatal, I believe, to be the absence of drainage channels to carry away the liquid refuse. The liquid refuse of this section is absorbed in the soil of the section, either near dwellings or in the trenches by the side of the railway embankment, forming the west boundary of the section; these trenches by the railway line are a great cesspool from the south to the north of the section. In Sewri, a section rapidly expanding, we have also an absence of drains and also serious sewage pollutions. In Tarwadi, a section without a system of drainage, but with trenches or ditches, some dug by the Health Department and having an escape to the sea, we would have had the most serious results were it not for the natural fall to the sea on the harbour side. In portions of this section there are huge pools of sewage from which trenches to the seashore permitting of an overflow to the sea, have been dug. The most fearful nuisance through want of drainage has been caused at Ghorupdeo; and were it not for the overflow and escape of sewage to the sea, Ghorupdeo, now thickly populated by mill-workers, would cease to be habitable. To the east of Ghorupdeo, there are great sewage pools slowly oozing and escaping seawards. The absence of constructed drains in a locality having natural drainage and fall causes less serious results than in a locality having no such natural means of purification; and hence the effects of absence of drainage or the effects of imperfect drainage, being influenced by other conditions, are unequal and not always such as are looked for. In estimating the probable effects of absence of drainage or bad drainage on the health of any locality, we must estimate the effects of other conditions in the locality.

33. The general distribution of mortality in localities has been nearly the same as in the last year. In 19 sections the mortality is above the average of the whole city and in 13 below. A reduction of mortality since 1886 has occurred in the following sections:—Upper Colaba, Middle Colaba, Fort Northern, Market, Mandvi, Oomarkhari, Dongree, Dhobi Talao, Fanaswadi, Bhuleshwar, Kumbharwada, Khetwadi, Girgaum, Chaupati, Walkeshwar, Tarwadi, 2nd Nagpada, Tardeo, 1st Nagpada and Worli.

RETURN SHOWING THE NUMBER OF DEATHS AND THE RATE OF MORTALITY IN EACH LOCALITY FROM FEVERS DURING 1887.

Divisions.	Sections.	Population.	No. of Deaths from Fevers.	Rate of Mortality per 1,000 of Population.	Remarks.
A	Colaba — Upper	2,867	11	3·83	
	Colaba — Middle & Lower	14,265	82	5·74	
	Fort — Southern	3,515	8	2·27	
	Fort — Northern	33,828	189	5·58	
	Esplanade	13,080	54	4·12	
B	Market	49,130	285	5·80	
	Mandvi	42,351	392	9·25	
	Chuckla	37,048	418	11·28	
	Oomarkhari	54,656	434	7·92	
	Dongri	33,290	241	7·24	
C	Dhobi Talao	39,409	278	7·05	
	Fanaswadi	23,218	108	4·65	
	Bhuleshwar	38,106	267	7·00	
	Khara Talao	28,691	270	9·41	
	Kumbharwada	34,990	266	7·60	
	Khetwadi	29,436	206	6·99	
	Girgaum	25,319	196	7·74	
D	Chaupati	10,975	49	4·46	
	Walkeshwar	11,303	43	3·80	
	Mahalakshmi	6,232	69	11·07	
E	Mazagon	27,904	182	6·52	
	Tarwadi	14,542	77	5·29	
	2nd Nagpada	15,922	136	8·54	
	Kamathipura	28,455	286	10·05	
	Tardeo	20,281	119	5·86	
	Byculla	26,842	258	9·61	
	1st Nagpada	9,372	89	9·49	
	Parel	18,560	217	11·69	
	Sewri	5,555	58	10·44	
F	Sion	17,237	85	4·93	
	Mahim	17,309	107	6·12	
	Worli	14,621	95	6·49	
Water Division		24,887	24	0·96	
Non-Resident and Unknown		...	13	...	
	Total	773,196	5,612	6·36*	

* Annual increment of population is calculated.

34. A reduction in fever mortality is observed in most of the sections in which sewer lines have recently been laid, although it must be recollected in considering such reduction that in some other sections in which new sewers have not been laid there has also been a reduction of fever mortality; still there is the fact that of the 12 sections in which the mortality from fevers is higher than in 1886, there were sewer lines laid in only 5 of them, and of these 5 sections completely only in 1 so far as liquid refuse and in 2 sections laid down merely in a few streets.

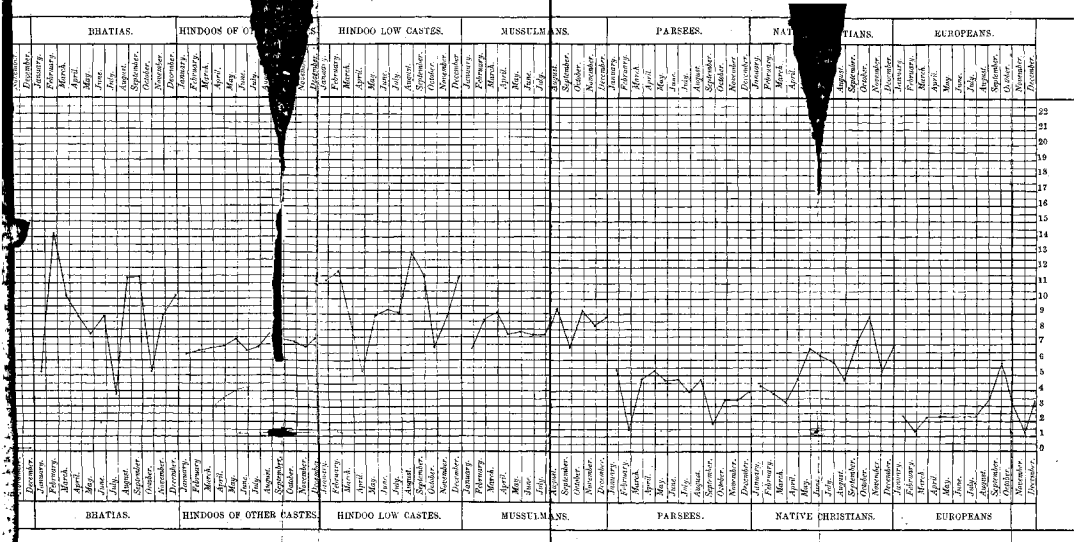
RETURN SHOWING THE RATE OF MORTALITY FROM FEVERS IN DIFFERENT CLASSES AND RACES DURING THE FOLLOWING YEARS.

	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.
	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.	Per 1,000 of population.
Brahmins	12·19	4·31	5·12	4·81	5·82	9·16	9·24	8·42	8·50	9·24	9·70	14·40	15·84	14·36	11·84	6·18	4·71	5·50	6·80	7·19	5·61	6·35
Hindus of other Castes than Brahmins, Bhatias, Lingaets & Jains.	14·77	8·34	8·09	6·99	6·66	9·07	12·19	9·61	8·16	7·42	8·63	22·65	15·34	13·09	11·99	8·30	7·03	7·58	8·39	8·09	7·25	6·98
Hindu, Low-caste..	26·70	18·43	16·23	10·91	10·01	8·90	16·26	13·14	7·01	4·68	10·11	28·35	19·84	14·22	14·29	10·50	11·60	12·58	14·49	12·60	10·34	9·62
Mussalmans.....	17·88	10·41	9·77	11·04	9·68	12·53	11·74	10·22	9·24	10·63	10·59	18·36	19·10	16·64	13·17	8·31	6·36	7·03	8·92	8·99	8·22	8·07
Parsees.....	5·89	4·98	5·53	5·48	4·30	4·94	4·30	3·65	4·12	3·90	4·24	5·42	5·87	5·19	4·85	5·67	5·45	5·96	6·48	5·76	5·72	3·95
Native Christians...	8·71	6·09	5·89	5·13	6·88	8·43	7·72	6·21	7·00	4·69	6·56	12·50	12·42	9·03	10·58	8·07	6·54	8·43	7·48	8·66	4·88	5·56
Europeans	3·58	1·79	3·03	3·72	2·75	2·89	2·75	2·75	2·48	3·17	1·51	4·13	3·72	3·03	1·93	2·77	2·29	1·72	1·91	2·00	2·39	2·67

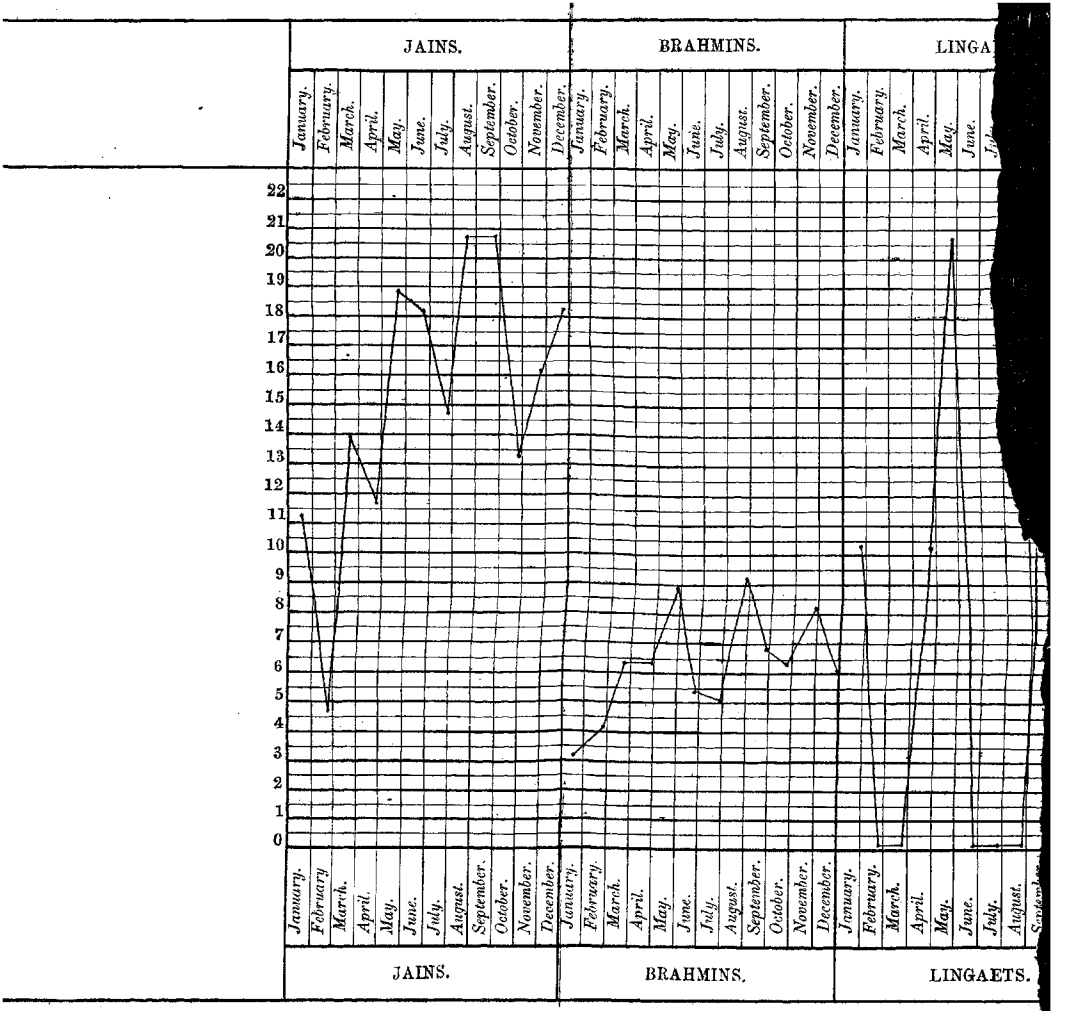
Return of Deaths from Fevers in the City of Bombay in Different Months, during a Series of Years, arranged according to Quarters.

Years.	Fevers.																
	Quarter 1st.				Quarter 2nd.				Quarter 3rd.				Quarter 4th.				Total of Year.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
1848 ...	...	551	500	1,051	483	471	397	1,351	451	411	377	1,239	402	364	452	1,218	4,859
1849 ...	451	399	441	1,291	481	484	406	1,371	483	478	438	1,399	432	445	628	1,505	5,566
1850 ...	481	439	513	1,433	527	537	439	1,503	476	433	397	1,306	366	449	498	1,313	5,555
1851 ...	498	419	432	1,349	421	466	394	1,281	355	350	306	1,011	389	370	408	1,167	4,808
1852 ...	495	424	518	1,437	586	654	499	1,739	466	426	391	1,283	395	505	554	1,454	5,913
1853 ...	511	370	472	1,353	447	620	589	1,656	518	634	481	1,633	475	522	580	1,577	6,219
1854 ...	575	580	727	1,882	802	901	652	2,355	786	726	549	2,061	585	609	727	1,921	8,219
1855 ...	814	569	673	2,056	655	630	515	1,800	588	603	480	1,671	412	464	519	1,395	6,922
1856 ...	577	497	653	1,727	900	736	563	2,199	526	526	484	1,536	520	639	660	1,819	7,281
1857 ...	714	750	715	2,179	614	696	609	1,919	638	622	529	1,789	529	615	826	1,970	7,857
1858 ...	741	648	745	2,134	726	718	545	1,989	583	575	551	1,709	548	564	564	1,676	7,508
1859 ...	586	550	669	1,805	654	638	642	1,934	592	545	488	1,625	459	535	658	1,652	7,016
1860 ...	583	575	725	1,883	654	577	457	1,688	407	394	381	1,182	433	497	548	1,478	6,226
1861 ...	588	478	571	1,637	553	609	560	1,722	644	481	539	1,664	533	603	688	1,824	6,847
1862 ...	765	568	615	1,948	556	512	449	1,517	510	594	556	1,660	563	603	688	1,854	6,979
1863 ...	719	609	756	2,084	759	747	641	2,147	813	787	764	2,364	795	818	870	2,483	9,078
1864 ...	1,140	898	1,022	3,060	1,140	1,204	1,034	3,378	930	1,050	990	2,970	1,002	1,016	1,168	3,185	12,593
1865 ...	1,582	1,861	2,410	5,853	2,588	2,461	1,379	6,428	1,234	1,184	1,138	3,556	1,009	943	978	2,930	18,767
1866 ...	1,058	984	1,114	3,156	1,088	1,035	761	2,884	562	572	545	1,679	614	696	841	2,151	9,870
1867 ...	503	534	470	1,507	548	602	470	1,620	396	318	374	1,088	428	467	564	1,459	5,674
1868 ...	584	481	482	1,547	396	455	414	1,265	434	355	407	1,196	524	482	467	1,473	5,481
1869 ...	433	425	471	1,329	420	439	315	1,174	420	446	377	1,243	886	451	525	1,862	5,108
1870 ...	479	367	401	1,247	381	399	318	1,098	255	372	379	1,006	423	447	524	1,894	4,745
1871 ...	535	433	448	1,416	579	606	501	1,686	499	573	455	1,527	509	603	600	1,712	6,341
1872 ...	701	545	603	1,849	644	677	521	1,842	563	666	690	1,919	616	602	684	1,902	7,512
1873 ...	739	490	528	1,757	531	505	466	1,502	463	449	440	1,352	424	514	607	1,545	6,156
1874 ...	627	448	475	1,550	412	505	325	1,242	375	420	415	1,210	417	457	527	1,401	5,403
1875 ...	582	523	519	1,624	498	422	386	1,306	334	325	323	982	421	459	452	1,332	5,244
1876 ...	489	500	527	1,516	503	511	432	1,446	432	475	444	1,351	400	504	650	1,554	5,867
1877 ...	686	753	1,265	2,704	1,520	1,617	1,329	4,466	976	1,006	950	2,932	927	849	954	2,730	12,832
1878 ...	918	866	889	2,673	897	1,012	750	2,659	752	828	781	2,356	759	741	756	2,256	9,944
1879 ...	763	713	789	2,265	672	728	523	1,923	601	769	656	2,026	721	785	775	2,231	8,445
1880 ...	722	726	882	2,330	787	671	578	2,036	517	569	499	1,585	557	520	485	1,562	7,513
1881 ...	581	501	500	1,582	620	635	517	1,781	602	538	442	1,582	468	485	639	1,592	6,437
1882 ...	587	518	581	1,686	410	432	344	1,186	356	424	472	1,252	480	431	418	1,329	5,453
1883 ...	530	489	521	1,540	468	502	428	1,398	520	633	475	1,628	365	422	550	1,337	5,903
1884 ...	663	495	567	1,725	585	574	521	1,680	499	559	590	1,648	606	574	597	1,777	6,830
1885 ...	522	539	580	1,641	654	647	547	1,848	510	532	516	1,558	473	488	640	1,601	6,648
1886 ...	552	553	547	1,652	526	564	502	1,592	454	400	421	1,275	479	422	400	1,301	5,820
1887 ...	423	434	459	1,316	435	497	446	1,378	445	543	486	1,474	474	462	508	1,444	5,612

AM SHOWING THE RATE OF MORTA[illegible] 1000 OF POPULATION DURING THE YEAR 1887.



tes as large population the calculations on which are not so easily affected as in a smaller class the fever curve is highest in May, August,
, while in the Parsee population the curve is highest in January and April.



Taking Hindus of other

September, October and Decer

Return showing the Deaths and Mortality from Fevers by Months in different Classes and Races during 1887.

	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Total.	
	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.	No. of Deaths.	Annual Rate of mortality per 1,000 of population.
Jains	16	11·15	7	4·87	20	13·93	17	11·84	27	18·81	26	18·12	21	14·63	30	20·90	30	20·90	19	13·24	23	16·02	26	18·12	262	15·21
Brahmins	10	3·38	12	4·06	19	6·43	19	6·43	26	8·80	16	5·41	15	5·08	27	9·14	20	6·77	19	6·43	24	8·12	18	6·09	225	6·35
Lingaets	1	10·28	..	..	..	..	1	10·28	2	20·56	..	..	..	..	..	..	2	20·56	..	..	..	..	..	..	6	5·14
Bhatias	4	5·09	11	14·01	8	10·19	7	8·92	6	7·64	7	8·92	3	3·82	9	11·46	9	11·46	4	5·09	7	8·92	8	10·19	83	8·81
Hindus of other Castes	218	6·41	223	6·56	225	6·62	231	6·79	253	7·44	222	6·53	233	6·85	263	7·74	254	7·47	241	7·09	232	6·82	254	7·47	2849	6·98
Do. Low-castes	46	11·23	48	11·72	35	8·55	22	5·37	36	8·79	38	9·28	37	9·03	53	12·94	47	11·48	28	6·84	36	8·79	47	11·48	473	9·62
Mussalmans	89	6·75	112	8·50	119	9·03	101	7·66	102	7·74	99	7·51	99	7·51	123	9·34	90	6·83	120	9·11	109	8·27	113	8·58	1276	8·07
Parsees	22	5·43	6	1·48	17	4·69	21	5·18	19	4·69	19	4·69	16	3·95	19	4·69	7	1·72	14	3·45	14	3·45	16	3·95	192	3·95
Native Christians	11	4·29	10	3·90	8	3·12	12	4·68	17	6·64	16	6·25	15	5·86	12	4·68	18	7·03	22	8·59	13	5·08	17	6·64	171	5·56
Europeans	2	2·29	1	1·14	2	2·29	2	2·29	2	2·29	2	2·29	2	2·29	3	3·44	5	5·74	3	3·44	1	1·14	3	3·44	28	2·67

35. *Measles.*—The rate of mortality from measles amongst males and females is very nearly the same as in the preceding year. The male mortality being ·55 per thousand and the female ·93; while in the previous year the male mortality was ·58 and the female ·97. The deaths from measles are 25 less than the last year and 5 less than the average of the 5 years preceding. The course of measles follows the seasonal incidence of small-pox. The greatest number of deaths occurred in March and April, 102 and 113 in each month, in May the deaths fell to 95, in June to 51, in July to 18, in August to 17, in September to 7, in October to 6, in November to 5, while in December, with the approach of the cold weather, the deaths increased to 14.

36. The highest mortality from measles has occurred within the first two years of life, the mortality of males being higher than of females. Under 6 months the mortality of males was 2·8 per thousand against 5 per thousand amongst females, and from 7 to 12 months the mortality of males was 12·3 per thousand and of females 9·3, and from 1 to 2 years the mortality of males was 11·3 and of females 10·7. During the next life period from 2 to 3 years the mortality of males fell to 6·2 and the mortality of females to 7·5. Under 2 years of age the mortality of male children from measles is higher, and the mortality of female children lower than in the preceding year.

TABLE SHOWING THE NUMBER OF DEATHS FROM MEASLES AND THE RATE OF MORTALITY ACCORDING TO AGE PERIODS DURING 1887.

Ages.	Deaths from Measles.								
	Population of 1881.	Males.	Per 1,000 of Population.	Population of 1881.	Females.	Per 1,000 of Population.	Population of 1881.	Persons.	Per 1,000 of Population.
Days 1 to 30	889	...	...	873	...	...	1,762	...	...
Months 1 to 6	4,159	12	2·88	4,330	22	5·08	8,489	34	4·00
„ 7 to 12	6,084	75	12·32	6,301	59	9·36	12,385	134	10·81
Years 1 to 2	7,830	89	11·36	7,964	86	10·79	15,794	175	11·08
„ 2 to 3	6,851	43	6·27	7,237	55	7·59	14,088	98	6·95
„ 3 to 4	6,879	6	·87	6,806	24	3·52	13,685	30	2·19
„ 4 to 5	7,948	8	1·00	7,602	11	1·44	15,550	19	1·22
„ 5 to 6	6,861	8	1·16	6,759	10	1·47	13 620	18	1·32
„ 6 to 7	8,184	6	·73	7,882	4	·50	16,066	10	·62
„ 7 to 8	7,977	1	·12	6,882	5	·72	14,859	6	·40
„ 8 to 9	7,137	1	·13	6,398	2	·31	13,535	3	·22
„ 9 to 10	12,596	1	·07	9,347	2	·21	21,943	3	·13
„ 10 to 12	19,679	2	·10	13,032	3	·23	32,611	5	·15
„ 12 to 15	24,476	...	...	16,760	...	...	41,236	...	...
„ 15 to 20	58,584	4	·06	43,754	2	·04	102,338	6	·05
„ 20 to 25	65,747	4	·06	37,524	...	...	103,271	4	·03
„ 25 to 30	63,025	...	..	32,249	1	·03	95,274	1	·01
„ 30 to 35	42,228	...	...	18,462	1	·05	60,690	1	·01
„ 35 to 40	39,478	...	...	21,038	...	...	60,516	...	...
„ 40 to 45	19,978	...	...	9,951	...	...	29,929	...	...
„ 45 to 50	20,380	...	...	14,188	...	...	34,568	...	..
„ 50 to 55	8,827	...	...	5,401	...	...	14,228	...	...
„ 55 to 60	10,621	...	...	9,514	...	...	20,135	...	...
„ 60 to 70	5,433	...	...	4,838	...	...	10,271	...	...
„ 70 to 80	2,340	...	...	2,600	...	...	4,940	...	...
Over 80 years	672	...	...	741	...	...	1,413	...	...
Total	464,763	260	·55	308,433	287	0·93	773,196	547	0·62*

* Annual increment of population is calculated.

37. The death-rate from measles by class exhibits greater fluctuation than in the preceding year. The highest mortality occurred amongst Eurasians, but as this high ratio is caused by two deaths in a small community, no definite conclusions can be drawn from it, and the same considerations are applicable to the death-rate of Jews. The deaths from measles amongst Jains give a high death-rate ; 22 deaths were registered equal to a death-rate of 1·2 per thousand; a great number of the poor Jain population live in dark, unventilated buildings and under defective sanitary conditions. Amongst a large class of the population—Hindu low-castes—the mortality was high, equal to 1·3 per thousand. I have in former reports dwelt on the bad sanitary conditions, not only surrounding, but affecting the lives of the low or outcaste population. It is observed in this year, as in the previous year, that the mortality from measles amongst low-castes, is higher than amongst any other large class of the population. It is impossible that the children of the low caste, can have the same chances of life as the children of the higher castes; in the first place amongst the low-caste, there is more than one family in one small room, there is, therefore, over-crowding, such as exists in no other community ; 2ndly, there is the absence of food and drink discipline which the higher castes obey. The low-caste crowd together as much as they can and eat anything they can find, either through poverty or through carelessness, and a high mortality must be expected amongst them.

RETURN SHOWING THE NUMBER OF DEATHS FROM MEASLES DURING 1887.

Classes.	Population of 1881.	Number of Deaths.	Per 1,000 of Population.
Jains	17,218	22	1·27
Brahmins	35,428	27	0·76
Lingaets	1,167	1	0·85
Bhatias	9,417	5	0·53
Hindus of other Castes	407,717	274	0·67
Do. Low-caste	49,122	67	1·36
Mussulmans	158,024	93	0·58
Parsees	48,597	34	0·69
Jews	3,321	5	1·50
Native Christians	30,708	10	0·32
Eurasians	1,168	2	1·71
Europeans	10,451	6	0·57
Negro-Africans	689	1	1·45
Buddhists	169	.....	.....
Other and unknown castes	.....	.....	.....
Total...	773,196	547	·62*

* Annual increment of population is calculated.

38. The highest mortality from measles was registered in 1st Nagpada, and in the previous year the highest mortality from measles was also registered in this district of insanitary conditions referred to in other portions of this report. The second highest mortality was

in 2nd Nagpada. The high mortality in Girgaum indicates the necessity of effecting improvements in that district of increasing population. In three sections the ratio of mortality from measles, not calculating for increasing population, is the same—the three Sections are Kharatalao, Kamathipura and Tardeo, and in each section the ratio is the same; if, however, the ratio of the increase of the population could be accurately ascertained, the ratio of mortality would not be equal in each, for the expansion of population in each section is not equal. The population of Tardeo must have enormously increased since the last two years; on the open land in this section many buildings are being erected. The mortality in Kamathipura is less than in the previous year, being 1·08 in 1887 against 1·19 in 1886; still the high mortality from measles in Kamathipura shews that there is much need of improvement in house sanitation in this section.

RETURN SHOWING THE NUMBER OF DEATHS FROM MEASLES DURING THE YEAR 1887.

Divisions.	Sections.	Population by Census of 1881.	Number of Deaths.	Rate of Mortality per 1,000 of Population.
A	Colaba... Upper	2,867	2	0·69
	Colaba... Middle and Lower	14,265	12	0·84
	Fort..... Southern	3,515	...	...
	Fort..... Northern	33,828	22	0·65
	Esplanade	13,080	2	0·15
B	Market	49,130	27	0·54
	Mandvi	42,351	33	0·77
	Chuckla	37,048	33	0·89
	Oomarkharee	54,656	39	0·71
	Dongri	33,290	15	0·45
C	Dhobi Talao	39,409	35	0·88
	Fanaswadi	23,218	17	0·73
	Bhuleshwar	38,106	17	0·44
	Kharatalao	28,691	31	1·08
	Kumbharwada	34,990	21	0·60
	Khetwadi	29,436	20	0·67
	Girgaum	25,319	32	1·26
D	Chaupati	10,975	9	0·82
	Walkeshwar	11,303	6	0·53
	Mahalakshmi	6,232	5	0·80
E	Mazagon	27,904	13	0·46
	Tarwadi	14,542	6	0·41
	2nd Nagpada	15,922	23	1·44
	Kamathipura	28,455	31	1·08
	Tardeo	20,281	22	1·08
	Byculla	26,842	24	0·89
	1st Nagpada	9,372	19	2·02
	Parel	18,560	12	0·64
	Sewri	5,555	1	0·18
F	Sion	17,237	2	0·11
	Mahim	17,309	5	0·28
	Worli	14,621	9	0·61
Water Division		24,887	...	...
Non-Resident and Unknown		.....	2	...
	Total.....	773,196	547	0·62*

* Annual increment of population is calculated.

39. *Cholera.*—During 1887 the incidence of cholera had an epidemic tendency. The very remarkable sanitary event of 1886 was not observed in 1887; in 1886 only 19 deaths from cholera occurred, and that small mortality was accompanied by an equally low mortality from small-pox. 1874 and 1880 are the only two years in which a mortality nearly as low as in 1886 occurred from cholera; in 1886, 19 deaths occurred; in 1874, 20; and in 1880, 30. As I anticipated, a very much larger number of deaths from cholera occurred in 1887, and a resuscitation of small-pox was observed towards the end of the year. These evidences of zymotic prevalence in this city were synchronous with epidemic prevalence in the country around.

40. 427 cases of cholera came to my notice, and of the 427 cases, 269 ended fatally. Of the 427 cases, only 75 were born in Bombay, and as many as 346 were known to have been born somewhere out of Bombay.

	Attacked.	Died.	Per cent.
Males	294	187	63·60
Females	133	82	61·65

41. Of the 75 cases born in Bombay, 43 terminated fatally, giving a mortality of 57 per cent., whereas of the 346 strangers, 220 died, giving a mortality of 63 per cent. The explanation is this—the strangers were generally of a poorer class and lived under less favourable conditions than the indigenous born in Bombay.

	Attacked.	Died.	Per cent.
Born in Bombay	75	43	57·33
Strangers	346	220	63·58
Unknown	6	6	100·00

42. The foregoing table indicates the number of the immigrant population and the influence which they, who travel to this city, have on the mortality.

The great labouring mass which rolls from and to this city backwards and forwards is very susceptible to disease. The great industrial activity in this city has attracted an enormous number of labourers. If the period of residence is grouped into two periods under 3 months and under 6 months, the following results are found:—

	Cases.	Deaths.
Under 3 months...	70	40
Under 6 months...	48	35

43. The water-supply generally used by those who suffered from cholera, indicates that the use of well-water as an ordinary source of drinking water is decreasing. Of the 427 cases, 27 commonly used well-water, and of the 27, 13 died. The use of well water is becoming less frequent since the filtration of pipe-water has commenced. A classification of the cases of cholera, according to the source of water-supply, gives the following results:—

	Attacked.	Died.	Per cent.
Vehar and Tulsi Water consumers ...	323	212	65·63
Well water drinkers	27	13	48·14
Unknown	77	45	58·44

44. An examination of the room location of those who suffered from cholera gives very remarkable and valuable information; of those who were attacked, as many as 263, that is, 61·59 per cent., live on the ground-floor and 156 died; 79 on the first floor, and 55 died; 34 on the second floor, and 24 died; 11 on the third floor, and 7 died; and 6 on the fourth floor, and 2 died. Examining these figures further, we find that 61·59 per cent. occurred on the ground-floor, and 18·50 per cent. on the first floor, while the percentage of ground-floors to total houses is 40·01, and the percentage of first floors to total houses 26·34.

45. The figures show that a very large proportion of the persons who suffered from cholera lived on the ground-floor, and that persons living on the ground-floor have not in this city of dampness as good chances of life as persons living on the higher floors. The persons living on the ground-floor are generally of the poorer classes, and neither the conditions amidst which they live nor the conditions of their lives are so favourable as observed on the higher floors. The condition most generally surrounding groups of cholera cases is dampness—dampness from imperfect drainage and imperfect ventilation. We have, therefore, the two conditions of bad dwelling and poor living influencing the classes who suffer most from cholera. There has always been in this city a remarkable connection between material conditions of life and the incidence of cholera, and we have seen that certain classes living under certain conditions of life and dwelling are most susceptible.

46. The table following shows a fearful degree of room crowding, and from that crowding must follow a fearful degree of health contamination. Although the degree of crowding is fearful, it is most difficult to lessen it; practically I doubt if it can be lessened, but its effects may be abated. The problem is a most grave one, and its solution is not nearer now than it was many years ago. Neither the present Municipal law nor the future, so far as I can see, will prevent overcrowding, but the effects of overcrowding may be rendered less hurtful by providing plentiful openings for the escape of foul air and for the admission of pure air, but these openings must be of such size and in such positions that they cannot be easily closed.

Floor.	Attacked.	Died.
Ground	263	156
1st	79	55
2nd	34	24
3rd	11	7
4th	6	2
Unknown	7	3
Boat	27	22

Died ... ... 269 } 427.
Recovered ... 158 }

Sections.	Average of persons to a room.	Average size of room.			Cases.
		Length.	Breadth.	Height.	
Lower Colaba	4·4	9·5	7·4	7·0	7
Fort, Northern	3·5	12·7	9·8	8·8	8
Esplanade	4·0	8·6	7·3	6·9	25
Market	4·5	14·2	8·7	7·8	36
Mandvee	4·3	9·9	7·7	7·0	22
Chuckla	2·9	10·2	7·1	5·3	24
Oomerkharee	3·9	11·9	7·5	6·7	11
Dongree	5·4	12·0	7·2	7·6	5
Dhobi Talao	5·4	15·7	8·7	8·0	50
Funaswadi...	3·5	11·0	7·5	6·3	16
Bhuleshwar	2·5	17·1	6·6	6·5	8
Kharetalao	1·8	6·0	4·6	3·6	9
Kumbharwara	5·8	16·5	9·3	7·5	6
Khetwaree...	2·6	18·3	8·8	9·6	6
Girgaum	3·2	12·8	8·9	9·0	14
Choupati	7·1	15·3	7·1	10·7	9
Mahaluxmi	4·0	9·0	8·8	15·0	10
Mazagon	8·0	11·6	10·0	8·0	25
Tarwaree	4·0	40·0	40·0	30·0	1*
2nd Nagpada	4·5	19·8	7·7	8·1	7
Kamatipura	4·2	11·0	7·8	9·8	7
Tardeo	6·5	12·8	9·6	10·6	18
Byculla	2·8	8·0	8·2	7·4	5
1st Nagpada	4·5	8·5	8·5	7·5	2
Parel	6·2	9·5	10·0	9·0	4
Sevri	4·0	10·4	7·0	6·8	5
Seon	4·0	14·6	12·5	8·8	12
Mahim	2·9	12·4	9·5	8·4	12
Worli	3·1	15·5	9·5	8·9	19
Water Division	...	...	...	...	27
Unknown	...	...	...	...	6

* There are 11 cases in Tarwaree Section; out of these, 10 are registered as having been treated in the J. J. Hospital. The case in Tarwaree which was not treated in the hospital occurred in the large hall of a Dharmasalla; hence the low average.

47. The prevalence of choleraic cases was observed from the beginning of July; in the early part of the year up to the end of June, the mortality from cholera was unusually low. Apart from epidemic influences around the city—and I have in other reports referred to the effect of such influences on the mortality of the city—the local exciting causes have not been of the nature generally surrounding groups of cases and influencing the incidence of the mortality in former years. A relation appears probable between cases imported and the general occurrence of cases after the first week in July. It is remarkable that the wider incidence of cases and the more general prevalence of choleraic affections in the city followed on the importation of cases into the city. The resuscitation of choleraic affections from the beginning of July is not to be ascribed solely to imported cases, and I am far from wishing to do so, for, while epidemic influences are active, it is impossible to conclusively refer to any one force or cause, results which we know to have arisen at other times

from other forces or exciting causes. Such prevalence as ha existed followed on the importation of cases from Pandharpur. Th the imported cases exerted an influence on the incidence of th disease appears probable, although against the suggestion of commu nication through importation many obvious objections may be urged such as the occurrence of a certain number of cases in one dwell ing, or group of dwellings, followed by cessation of cases, and the occurrence of single cases at intervals at distant points after exacer- bation of choleraic affections not followed by other cases at such points; but on the other hand, the incidence of cholera as of other diseases is greatly influenced by individual and other conditions of susceptibility. The practical sanitary lesson to be remembered is that the importation of cases during a season of epidemic activity is a serious occurrence, and likely to be followed by other cases and to have an unfavourable influence on the conditions of public health.

48. The conditions surrounding cases have not generally been of the special insanitary nature observed in former years. There has been no great concentration of cases around special sources of water- supply or defective conditions of dwelling or locality. The incidence of cases has not been strongly localized at periods as in former years. The incidence of the disease indicates influences affecting the occurrence of cases other than those arising from special local insanitary causes.

49. The progress of the disease in the beginning of July com- menced with choleraic symptoms amongst persons in Ghorupdeo and Wadalla who had returned to Bombay from a pilgrimage; simul- taneously in Ghorupdeo and Wadalla pilgrims who had returned from Pandharpur suffered from choleraic symptoms. In Ghorupdeo three cases, following a pilgrim case occurred in the upper rooms of a chawl, besides cases of diarrhœa; of the choleraic cases two were relations. In Wadalla 4 persons, out of 16 who had returned from Pandharpur, suffered from choleraic symptoms; from 4 different houses in this village 16 persons went to Pandharpur; of the 16 on returning to Bombay, 4 arrived ill from diarrhœa, the symptoms developing into cholera in the cases of all 4; these 4 cases were followed by 5 other cases. At the same time a case, also pilgrim, occurred in Sewree, near Ghorupdeo. On the 6th of July a Hindu arrived in Mahim at night by train, suffering from severe diarrhœa; the symptoms developed into cholera; according to the information the illness commenced after leaving Lanowlie; the date of this case was the 6th of July. A further case followed in Wadalla on the 8th—a relative of previous cases on the 6th and 7th; on the 8th a case with suspicious symptoms occurred at Kala Chowky Road near Ghorupdeo. On the 11th a case occurred in Forgett Street; no communication with previous cases was traced. This case was followed on the 14th by two others, besides cases of diarrhœa. On the 15th of July two cases with choleraic symptoms, but which did not prove fatal, occurred amongst labourers in the Prince's Dock. On the 16th another case occurred in Wadalla, the previous

6 having occurred on the 14th. On the 17th two cases occur- in Forgett Street, both were in communication with the es on the 14th. On the 19th a case occurred in Forgett Street, owed by a suspicious case on the 20th. On the 19th a Begaree who d been working in Chandanwadi, where a case with choleraic symp- ms had occurred, had symptoms of cholera. On the 21st no case was ported beyond a suspicious case in Wadalla. On the 22nd two cases ccurred in Forgett Street, where a case had previously occurred on the 20th, and a case amongst Municipal Begarees working there. On the 22nd a person who had returned from Hyderabad ill from diarrhœa suffered from choleraic symptoms, and on the same date one case occur- red in Mazagon. On the 23rd a suspicious case occurred in Khetwadi, and also two cases in Mazagon. From this period a more general incidence occurred. In Tardeo on the 26th a Municipal Begaree, who had been on duty in Forgett Street where previous cases had occurred, suffer- ed from symptoms of cholera. On the same date a Municipal Begaree in the Begarees' chawl on the Esplanade suffered from symptoms of cholera. On the 28th in the first floor of Begarees' chawl on the Esplanade two cases which were in communication with a case on the 26th, occurred amongst Municipal Begarees.

50. An instance in a school occurred towards the end of the year of the relation between importation to a centre and the continuance of other cases. The instance is this : a child was brought from Kamathi- pura in consequence of the parents having died from cholera, to the hospital. The child at the time of admission was healthy; ten days after its admission the nurse who was suckling it suffered from symptoms of cholera ; next day a second child was ill, on the third day two children were ill, and on the fourth day a number of children and an adult servant were ill—altogether 18 cases of cholera—and violent diarrhœa occurred in the school, and of the 18 cases 7 died.

51. The experience of this year indicates the unfavourable influence of imported cases of cholera when epidemic conditions exist. At one period during the month of July it appeared as if the occurrence of the cases was acquiring an epidemic force, but such influence be- came less in September, and the mortality fell from 103 in August to 48 in September.

52. The greatest number of cases occurred in the large class of the Hindu population denominated in the table "Hindus of other Castes," while the highest proportion of deaths to population occurred in the Native Christian and Eurasian classes.

53. The highest fatality to attacks occurred in two classes, amongst whom the highest fatality would not be expected—Europeans and Parsees—and the lowest amongst Mussulmans and Brahmins, but the death-rate to population from cholera amongst Europeans and Parsees was low. The proportion of deaths to cases was 11·46 per cent. amongst Mussulman classes, and it has been observed in former years that the chances of life of Mussulman suffering from cholera were greater than of some other classes.

54. The measures adopted were of the precautionary and preventi character, always stringently enforced by this Department, and th were successful. I am glad to be able to report that the measur taken, although they imposed a heavy duty and serious responsibili on the Officers of the Health Department, did not impose any add tional expenditure on the Municipality. The measures adopted wer carried out by the permanent staff without any assistance and withou any additional expenditure.

RETURN SHOWING THE NUMBER OF DEATHS FROM CHOLERA BY CLASSES DURING 1887.

Classes.	Population of 1881.	Number of Deaths.	Per 1,000 of Population.
Jains	17,218	9	0·52
Brahmins	35,428	8	0·22
Lingaets	1,167	...	...
Bhatias	9,417	1	0·10
Hindus of other castes	407,717	133	0·32
Hindu low-castes	49,122	33	0·67
Mussalmans	158,024	33	0·20
Parsees	48,597	13	0·26
Jews	3,321	1	0·30
Native Christians	30,708	27	0·87
Eurasians	1,168	1	0·85
Europeans	10,451	4	0·38
Negro-Africans	689	6	8·70
Buddhists	169	...	...
Other and unknown castes	...	...	...
Total...	773,196	269	0·31*

* Annual increment of population is calculated.

5. In 1887 the first year of childhood has not been free from lera fatality: two deaths occurred; but as in former years the tality from cholera is less during the earlier periods of life than in anced age. Under twelve years of age the mortality is ·12 per 00, whereas from 12 to 40, the mortality is ·43. Therefore the ortality of males and females under 12 years of age is less than the verage mortality of males and females at all periods of life. Amongst ales the mortality has fallen most heavily on lives from 20 to 25, and nongst females from 50 to 55.

RETURN SHOWING THE NUMBER OF DEATHS AND DEATH-RATE FROM CHOLERA AT DIFFERENT PERIODS OF LIFE IN 1887.

Ages.	Deaths from Cholera.					
	Males.	Per 1,000 of Population.	Females.	Per 1,000 of Population.	Persons.	Per 1,000 of Population.
Days 1 to 30	...	...	...	...	...	...
Months 1 to 6	1	0·24	...	...	1	0·11
„ 7 to 12	...	...	...	...	...	...
Years 1 to 2	1	0·12	...	...	1	0·06
„ 2 to 3	1	0·14	1	0·13	2	0·14
„ 3 to 4	5	0·72	1	0·14	6	0·43
„ 4 to 5	1	0·12	1	0·13	2	0·12
„ 5 to 6	...	...	2	0·29	2	0·14
„ 6 to 7	2	0·24	1	0·12	3	0·18
„ 7 to 8	1	0·12	1	0·14	2	0·12
„ 8 to 9	...	...	1	0·15	1	0·07
„ 9 to 10	...	...	1	0·10	1	0·04
„ 10 to 12	3	0·15	...	...	3	0·09
„ 12 to 15	7	0·28	5	0·29	12	0·29
„ 15 to 20	11	0·18	16	0·36	27	0·26
„ 20 to 25	56	0·85	14	0·37	70	0·67
„ 25 to 30	36	0·57	11	0·34	47	0·49
„ 30 to 35	23	0·56	6	0·32	29	0·47
„ 35 to 40	12	0·30	4	0·19	16	0·26
„ 40 to 45	7	0·55	7	0·70	14	0·46
„ 45 to 50	11	0·53	2	0·14	13	0·37
„ 50 to 55	4	0·45	5	0·92	9	0·63
„ 55 to 60	5	0·45	2	0·21	7	0·34
„ 60 to 70	...	...	1	0·20	1	0·09
„ 70 to 80	...	...	...	...	...	...
Over 80 years	...	...	...	...	...	...
Total...	187	0·40	82	0·26	269	0·31*

* Annual increment of population is calculated.

RETURN SHOWING THE DEATH-RATE FROM CHOLERA BY AGE PERIODS IN 1887.

	Under 12 Years.		12 to 40 Years.		Over 40 Years.		Total.	
	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.
Males	15	0·14	145	0·49	27	0·39	187	0·40
Females	9	0·09	56	0·32	17	0·35	82	0·26
Total...	24	0·12	201	0·43	44	0·38	269	0·31*

* Annual increment of the population is calculated.

56. The highest mortality from cholera occurred in the Mahaluxmi and Esplanade Sections. The six sections of highest mortality were Mahaluxmi, Esplanade, Sewri, Dhobi Talao, Worli, and Tarwadi; if the water division is taken, it will occupy the fourth place. The high mortality in Mahaluxmi and in Esplanade is due to exceptional causes. In the Esplanade are collected hundreds of scavengers and their families; and in Mahaluxmi a temple, Dharamsalas and places of rest for travellers and the sick where people come and live; and the population of both sections is small and the death-rate easily disturbed. The incidence of the mortality from cholera is receding in certain sections of the city, as in Girgam and Fanaswadi, for instance, the mortality is less than formerly.

57. The very small mortality in 1st and 2nd Nagpadas is very remarkable, as these two sections are in about the worst sanitary condition of any portions of Bombay; although the mortality from cholera is low, the mortality from measles is high in both sections of Nagpada. In the report for 1886, I thus referred to the section of 2nd Nagpada:—"The section in which the highest mortality has been registered, 2nd Nagpada—is a district of most insanitary conditions. "There is in the section as many as 67 persons to each house on an "average. We have in this district intense house-crowding and bad "drainage and bad house ventilation. The drains are very imperfect, "and in some lanes the roadway has to be opened several times each "week to remove obstructions."

ATHS AND DEATH-RATE FROM CHOLERA IN EACH LOCALITY.

	Sections.	Population by Census of 1881.	Deaths from Cholera in 1887.	Per 1,000 of Population.
	Colaba... Upper	2,867	...	...
	Colaba... Middle and Lower	14,265	4	0·28
	Fort... Southern	3,515	...	...
	Fort... Northern	33,828	7	0·20
	Esplanade	13,080	16	1·22
	Market	49,130	26	0·52
	Mandvi	42,351	15	0·35
	Chuckla	37,048	11	0·29
	Oomarkhari	54,656	10	0·18
	Dongri	33,290	3	0·09
	Dhobi Talao	39,409	34	0·84
	Fanaswadi	23,218	10	0·43
	Bhuleshwar	38,106	6	0·15
C	Khara Talao	28,691	1	0·03
	Kumbharwada	34,990	4	0·11
	Khetwadi	29,436	1	0·03
	Girgaum	25,319	13	0·51
	Chaupati	10,975	4	0·36
D	Walkeshwar	11,303	...	...
	Mahalakshmi	6,232	9	1·44
	Mazagon	27,904	8	0·28
	Tarwadi	14,542	10	0·68
	2nd Nagpada	15,922	2	0·12
	Kamathipura	28,455	5	0·17
E	Tardeo	20,281	12	0·59
	Byculla	26,842	2	0·07
	1st Nagpada	9,372	2	0·21
	Parel	18,560	2	0·10
	Sewri	5,555	5	0·90
	Sion	17,237	4	0·23
F	Mahim	17,309	5	0·28
	Worli	14,621	10	0·68
	Water Division	24,887	22	0·88
	Non-Resident and Unknown	...	6	...
	Total...	773,196	269	0·31*

* Annual increment of population is calculated.

RETURN OF DEATHS FROM CHOLERA IN THE CITY OF BOMBAY IN DIFFER[illegible] MONTHS, ARRANGED ACCORDING TO QUARTERS.

Years.	CHOLERA.																Total of Year.
	Quarter 1st.				Quarter 2nd.				Quarter 3rd.				Quarter 4th.				
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
1848...	...	11	7	18	17	10	9	36	6	2	2	10	...	5	...	5	
1849...	...	...	1	1	4	1	...	5	...	121	690	811	369	260	682	1311	21[illegible]
1850...	141	53	269	463	607	296	259	1162	324	348	143	815	51	53	453	557	29[illegible]
1851...	1873	905	1013	3791	601	373	339	1313	73	37	25	135	19	20	207	246	54[illegible]
1852...	408	91	160	659	271	149	151	571	165	66	19	250	10	6	24	40	152[illegible]
1853...	23	3	13	39	5	16	9	30	6	6	6	18	250	571	240	1061	114[illegible]
1854...	214	299	372	885	724	520	950	2194	317	68	14	399	11	9	9	29	3507
1855...	60	22	22	104	302	585	273	1160	167	52	75	294	46	21	20	87	1645
1856 ..	154	266	241	661	358	280	197	835	89	22	19	130	38	40	142	220	1846
1857...	459	165	306	930	363	249	302	914	157	86	32	275	81	18	13	62	2181
1858...	19	9	8	36	15	11	9	35	5	8	11	24	6	7	7	20	115
1859...	9	10	9	28	7	69	843	919	329	170	41	540	85	131	282	498	1985
1860...	289	332	396	1017	321	163	107	591	89	128	51	268	47	29	9	85	1961
1861...	15	18	5	38	4	12	18	34	13	10	11	34	34	35	466	535	641
1862...	625	240	339	1204	266	367	218	851	117	95	161	373	272	201	269	742	3170
1863...	89	50	89	228	161	153	161	475	412	240	178	830	181	176	319	676	2209
1864 ..	622	401	302	1325	680	837	395	1912	371	351	232	954	88	137	431	656	4847
1865...	363	540	522	1425	356	624	206	1186	116	62	31	209	32	22	13	67	2887
1866...	13	15	12	40	16	21	15	52	27	43	63	133	49	31	27	107	332
1867...	17	21	12	44	26	5	9	40	5	5	7	17	6	4	..	10	111
1868...	1	...	...	1	3	3	2	8	4	6	1	11	43	63	101	207	227
1869...	157	93	97	347	91	82	41	214	54	47	60	161	26	3	3	32	754
1870...	6	3	5	14	3	7	12	22	4	73	76	153	41	64	92	197	386
1871...	68	41	37	146	24	15	10	49	3	11	13	27	29	8	4	41	263
1872...	7	2	4	13	7	6	7	20	46	54	32	132	11	3	11	25	190
1873...	23	13	17	53	14	8	7	29	3	1	2	6	3	2	2	7	95
1874...	1	...	3	4	2	7	...	9	2	1	2	5	2	...	...	2	20
1875...	1	1	...	2	31	67	131	229	279	177	45	501	56	38	21	115	847
1876...	1	...	2	3	5	5	9	19	120	143	64	327	23	6	...	29	378
1877...	1	61	112	174	185	339	731	1255	498	341	163	1002	44	21	54	119	2550
1878...	36	109	227	372	131	144	102	377	156	118	42	316	53	40	25	118	1183
1879...	27	10	13	50	4	29	14	47	33	74	65	172	41	10	4	55	324
1880...	8	6	3	17	2	2	2	6	1	1	1	3	2	1	1	4	30
1881...	...	...	2	2	9	68	85	162	121	73	49	248	34	9	91	134	546
1882...	82	52	17	151	5	1	...	6	12	12	8	32	2	...	1	3	192
1883...	2	1	1	4	15	84	36	135	236	433	152	821	26	4	37	67	1027
1884...	101	33	34	168	7	70	19	96	8	73	94	175	47	50	40	137	576
1885...	49	80	149	278	114	62	23	199	53	34	20	107	11	1	2	14	598
1886...	3	2	...	5	1	2	2	5	...	...	5	5	...	1	3	4	19
1887...	...	1	2	3	3	1	8	12	45	103	48	196	41	15	2	58	269

58. *Phthisis.*—The mortality from phthisis is 27 more than last year, but less than the average of the five preceding years. The five sections in which the highest mortality in the previous year occurred from phthisis are also the five sections in which the highest mortality has occurred this year—they are 2nd Nagpada, Chuckla, Bhuleshwar, Oomarkhari and Khara Talao, and they are all sections of the most dense street and house-crowding. Kamathipura, which occupies the eighth place in 1887 in the phthisical record, occupied the seventh place in 1886, the sixth place in 1885, and the fifth place in 1884. There has

fore been from year to year a progressive fall in the phthisical lity in Kamathipura during each of the last five years:—

1883	6·28
1884	5·69
1885	4·99
1886	4·32
1887	4·00

9. At the same time it must be recollected that there has been an rease in the mortality from affections of the respiratory system in mathipura. It is necessary that the drainage scheme and system of use connections for liquids should be completed in this section, so as to lude every portion of the section. There is still one street—one of most populous and room-crowded—which has not yet been drained treated on the new system. I am very anxious that the drainage of is section should be completed, and that the section should be, as a gistration unit of drainage, complete.

ETURN SHOWING THE DEATH-RATE PER 1,000 OF POPULATION FROM PHTHISIS IN THE FOLLOWING LOCALITIES HAVING THE HIGHEST MORTALITY FROM PHTHISIS.

1885.		1886.		1887.	
SECTIONS.		SECTIONS.		SECTIONS.	
Chuckla	8·85	2nd Nagpada	7·91	2nd Nagpada	9·04
2nd Nagpada	7·66	Chuckla	7·20	Chuckla	7·61
Khara Talao	6·13	Bhuleshwar	5·98	Bhuleshwar	6·37
Bhuleshwar	5·90	Oomarkhari	5·30	Oomarkhari	5·36
Oomarkhari	5·61	Khara Talao	4·77	Khara Talao	5·29
Kamathipura	4·99	Kumbharwada	4·45	Girgaum	4·42
Girgaum	4·62	Kamathipura	4·32	Mandvi	4·20
Mandvi	4·27	Tarwadi	4·26	Kamathipura	4·00

60. The mortality from diseases of the digestive system is 212 more than in the last year and 36 more than the average; of the deaths from diseases of the digestive system 1,070 were referred to diarrhœa, being 38 more than in 1886 and 9 more than the average; 570 to dysentery, being 86 more than in the last year and 9 less than the average. To all other diseases of the digestive system, 588 deaths were ascribed, being 88 more than in the last year and 36 more than the average.

61. From diseases of the respiratory system 3,866 deaths were registered, being 56 more than in the last year and 239 more than the average; of the deaths from diseases of the respiratory system 2,375 were referred to bronchitis, being 61 less than in the last year and 177 more than the average; 864 to pneumonia, being 78 more than in the last year and 135 more than the average. The greater mortality from diseases of the respiratory system indicates the necessity of measures for the treatment of unwholesome dwellings. As the population increases the necessity for improving the ventilation of buildings and for securing open space around them is becoming more urgent. I have in the Annual Report for 1885 written at length on the weakness of the Municipal law bearing on house sanitation; the improvement of house sanitation cannot be effected until a new law has come into force.

62. The mortality from diseases of the nervous system is 43(than the average and 3 less than in the last year; 1,981 deaths registered.

63. From diseases of the circulatory system, 169 deaths registered, being 4 more than in the last year and 12 more than average.

64. To affections of the urinary system, 70 deaths were referr being 2 less than in the last year and 11 more than the average.

65. From diseases of the organs of locomotion and cellular tiss 97 deaths were registered, being 11 less than in the last year and more than the average.

66. To diseases of generative system, 206 deaths were ascribe being 28 more than in the last year and 21 more than the average.

67. To diseases of the cutaneous system, 15 deaths were referred being 14 less than in the last year and 17 less than the average.

68. To dropsy, 91 deaths were referred, being 16 less than in the last year and 23 less than the average.

69. From leprosy, 72 deaths were registered, being 9 less than in the last year and 3 less than the average.

70. The deaths from old age and debility are 27 more than in the last year and 83 more than the average; the increasing number of deaths ascribed to old age and debility indicates the increasing number of poor strangers in this city.

71. From accidents and violence, 364 deaths were registered, being 25 less than in the last year and 14 more than the average; 67 were referred to poisoning, being 1 less than in the last year and 11 more than the average; of the deaths from poisoning, 21 were reported to be accidental and 41 suicidal. 3 deaths occurred from snake-bite against 9 in the previous year. 86 deaths were referred to drowning, being 20 less than in the last year and 8 less than the average. Of the deaths from drowning, 39 were reported to be accidental, 38 suicidal, and 9 homicidal.

72. The suicides by drowning were reported to have occurred under the following circumstances:—

1.	Jumping into a well	...	23
2.	Do. tanks	...	13
3.	Do. basin	...	1
4.	Do. reservoir	...	1

73. Of the dead, 14,211 were buried, 6,421 burnt, and 1,080 carried to the Tower of Silence.

74. The premature births amounted to 18, being 2 more than in the last year and 5 less than the average.

75. There has been an improvement in birth registration and a greater number of births registered; this improvement I expected. The number of births registered is 520 more than in the last year. 15,429 living and 1,199 still-born births were registered; of the living births 7,992 were males and 7,437 females.

76. The birth-rate has fluctuated very much in different localities from 44·4 per 1,000 in Parel, 37·2 in 1st Nagpada, and 33·8 in Upper Colaba to 8·5 in the Fort South.

RETURN SHOWING THE NUMBER OF BIRTHS AND THE BIRTH-RATE IN 1887.

Divisions.	Localities.	Population by Census of 1881.	Births.	Birth-rate per 1,000 of Population.
A	Colaba — Upper	2,867	97	33·83
	Colaba — Middle and Lower	14,265	236	16·54
	Fort... — Southern	3,515	30	8·53
	Fort... — Northern	33,828	720	21·28
	Esplanade	13,080	238	18·19
B	Market	49,130	725	14·75
	Mandvi	42,351	751	17·73
	Chuckla	37,048	723	19·51
	Oomarkhari	54,656	1,210	22·13
	Dongri	33,290	713	21·41
C	Dhobi Talao	39,409	811	20·57
	Fanaswadi	23,218	388	16·71
	Bhuleshwar	38,106	682	17·92
	Khara Talao	28,691	735	25·97
	Kumbharwada	34,990	745	21·29
	Khetwadi	29,436	627	21·30
	Girgaum	25,319	465	18·36
D	Chaupati	10,975	223	20·31
	Walkeshwar	11,303	186	16·45
	Mahalakshmi	6,232	147	23·58
E	Mazagon	27,904	505	18·09
	Tarwadi	14,542	330	22·69
	2nd Nagpada	16,922	351	22·04
	Kamathipura	28,455	548	19·25
	Tardeo	20,281	447	22·04
	Byculla	26,842	435	16·20
	1st Nagpada	9,372	349	37·23
	Parel	18,560	824	44·45
	Sewri	5,555	138	24·84
F	Sion	17,237	460	26·68
	Mahim	17,309	381	22·01
	Worli	14,621	209	14·29
Water Division		24,887	...	...
Non-resident and unknown		...	...	...
	Total	7,73,196	15,429	19·95

77. Amongst classes the birth-rate has fluctuated very much, from 81·33 amongst Eurasians—a birth-rate which I consider to be fictitious—to 8·1 amongst Brahmins, and between these extremes we have a Jewish birth-rate of 39·7 and a Parsee birth-rate of 27 per 1,000. Amongst the mass of the Hindu population 495 more births were registered than in the last year. This is satisfactory.

RETURN SHOWING THE NUMBER OF BIRTHS AND THE BIRTH RATE IN EACH CLASS DURING 1887.

Classes.	Population.	Number of Births.	Per 1,000 of Population.
Jains	17,218	474	27·52
Brahmins	35,428	287	·8·10
Lingaets	1,167	25	21·42
Bhatias	9,417	160	16·99
Hindus of other castes	407,717	7,590	18·61
Hindus, low-caste	49,122	1,317	26·81
Mussalmans	158,024	3,351	21·20
Parsees	48,597	1,315	27·05
Jews	3,321	132	39·74
Native Christians	30,708	498	16·21
Eurasians	1,168	95	81·33
Europeans	10,451	172	16·45
Negro-Africans	689	8	11·61
Buddhists	169	4	23·66
Other and unknown castes	.....	1	.....
Total.....	773,196	15,429	19·95

Return of Birtes in the City of Bombay from 1866 to 1887.

	1866		1867		1868		1869		1870		1871		1872		1873		1874		1875		1876		1877		1878		1879		1880		1881		1882		1883		1884		1885		1886		1887	
	5,004		5,115		3,544		3,488		3,140		5,737		13,135		12,722		12,835		13,391		13,625		13,886		14,038		14,559		17,247		16,638		15,366		15,182		14,637		14,964		14,909		15,429	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Hindus	2163	1710	1539	1377	1049	848	1021	820	788	650	1891	1752	4474	4073	4412	4157	4438	4206	4650	4468	4697	4440	4721	4320	4745	4458	5148	4571	6212	5212	5725	5212	5049	4678	5026	4652	4871	4461	4904	4557	4960	4509	5086	4767
Mussalmans	747	531	495	463	452	428	544	448	585	456	623	526	1328	1237	1230	1024	1230	1163	1286	1187	1375	1250	1512	1368	1642	1392	1578	1382	1899	1569	1806	1605	1716	1543	1741	1539	1675	1502	1657	1531	1703	1553	1765	1596
Parsees	275	231	435	414	271	204	187	169	207	147	262	263	659	575	640	553	568	549	599	533	618	580	630	635	601	528	636	540	768	643	654	671	745	720	701	672	647	650	699	683	706	617	670	645
Christians.....	130	97	189	178	148	116	130	113	136	133	199	174	389	312	334	295	332	273	322	280	302	295	298	335	314	289	331	304	460	390	422	416	402	428	360	369	360	341	409	367	331	344	403	362
Negro-Africans.	6	4	6	2	1	1	..	1	3	3	5	9	12	9	15	10	4	..	2	1	4	7	1	3	5	6	2	4	5	2	6	7	3	3	1	1	5	3	8	9	7	9	3	5
Jews	4	4	6	9	20	9	28	14	16	16	12	21	32	32	24	28	36	29	25	26	23	32	32	29	31	24	40	20	42	42	58	50	30	48	51	47	55	44	83	51	64	44	73	59
Buddhists.....	1	1	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	2	..	1	1	1	..	1	..	2	..	..	1	..	1	1	..	1	1	..	..	1	1	3	..	..	1	3
Unknown	..	..	1	1	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1	2	1	1	3	1	..	..	1	..	1	1	1	1	1	1	1	..
Total..	3326	2578	2671	2444	1938	1606	1912	1576	1735	1405	2992	2745	6894	6241	6655	6067	6608	6227	6894	6497	7020	6605	7195	6691	7339	6699	7730	6825	9388	7859	8675	7963	7945	7421	7902	7280	7634	7003	7762	7202	7772	7157	7892	7437

78. The total expenditure on the Health Department came to Rs. 9,68,075-2-4; while the income of the Health Department amounted to Rs. 4,43,390-7-2. The actual cost of the Health Department to the Municipality was Rs. 5,24,684-11-2 against Rs. 5,28,535 in 1886.

79. On an average 3,892 men and women and 605·0 scavengering and drain carts and 150·0 night-soil and cesspool carts were at work each day.

80. The collection of garbage or kutchra is greater than in the previous year by 371 tons a day; 282,200 tons of garbage, equal to 773 tons a day, were collected and removed and disposed of against 147,056 tons in 1886. This great increase is due to recent measurements of the carts; 527,654, carts of garbage were removed, being 1,811 more than in 1886.

81. 120,841 tons of night-soil equal to 331 tons a day were collected and removed, against 130,647 tons in 1886. This decrease is due to recent measurements of the carts; 136,795 carts of night-soil were removed, being 763 more than in 1886.

82. 211 miles of covered drains were opened and cleaned against 198 in 1886.

83. There has been a decrease in the number of notices and summonses; 5,218 notices and 5,956 summonses against 5,284 notices and 8,697 summonses in 1886 were issued; the amount of fines recovered amounted to Rs. 1,928 against Rs. 3,533 in 1886. The fines inflicted in cases of nuisance are yearly decreasing.

84. The number of licenses granted amounted to 5,415, and the amount recovered on account of licenses fees Rs. 27,987-12-0.

85. For the use of the Public Dhobeewada, Rs. 11,688 were recovered.

In the table following will be found a record of the important works done during the year 1887 :—

1886.	Details.	1887.
Rs. 3,86,020 10 9	Income of Health Department	Rs. 4,43,390 7 2
Rs. 9,14,556 9 6	Total expenditure on the different branches.	Rs. 9,68,075 2 4
Rs. 5,28,535 14 9	Cost of Health Department to Municipality...	Rs. 5,24,684 11 2
3,875·6	Average number of men and women daily at work	3,892·5
592·5	Average daily working strength, carts scavengering and drain-cleaning	605·0
143·3	Average daily working strength, carts night-soil, including cesspool	150·0
33,314	Letters registered, outward	31,496
9,680	Do. inward	9,466
5,284	Notices issued	5,218
8,697	Summonses issued	5,956
Rs. 3,533 12 0	Amount of fines inflicted by Magistrates	Rs. 1,928 0 0
Tons 147.056	Total weight of garbage collected	Tons 282.200
Tons 402·0	Average tons per day	Tons 773·0
Tons 130.647	Night-soil collected	Tons 120,841
Tons 357·0	Average tons per day	Tons 331·0
198·0	Miles of covered drains opened and cleaned...	211·0
Rs. 3,774 0 0	Amount received for sending carcasses to Coorla	Rs. 4,844 0 0
No. 11,270	Total animals sent to Coorla	No. 11,271
No. 5,556	Total number of licenses issued	No. 5,415
Rs. 30,549 4 0	Amount of license fees received	Rs. 27,987 12 0
No. 4,984	Total number of graves dug	No. 5,129
Rs. 2,946 0 0	Amount received for digging graves	Rs. 3,026 8 0
Rs. 11,766 8 0	Amount of Dhobeewada fees	Rs. 11,688 0 0

I have the honour to be,
Sir,
Your most obedient servant,
T. S. WEIR,
Health Officer.

LICENSES issued and FEES received during the Year 1887.

No. of Licenses.	Trades.	Amount of License Fees. Rs.	a.	p.
12	Bones storing	180	0	0
42	Brick kilns	630	0	0
1	Candle-making	5	0	0
12	Coal depôts	120	0	0
52	Cotton refuse	765	0	0
127	Dyeing-houses	632	8	0
2	Dynamite	100	0	0
7	Fireworks manufactories	75	0	0
179	Fireworks storing	317	8	0
29	Fish storing	725	0	0
3	Gunpowder manufactories	150	0	0
8	Gunpowder retailing	40	0	0
167	Hay and straw depôts	1,670	0	0
19	Hides storing	320	0	0
15	Horns storing	225	0	0
23	Kerosine oil (wholesale)	345	0	0
759	Do. (retail)	3,702	8	0
8	Lime kilns	120	0	0
57	Livery stables	815	0	0
13	Lucifer matches (wholesale)	65	0	0
1,651	Lucifer matches (retail)	1,651	0	0
8	Melting tallow or fat	120	0	0
101	Milch cattle stables	965	0	0
.....	Paper manufactories	.....		
12	Pottery kilns	120	0	0
2	Rags storing	30	0	0
.....	Saltpetre refining	.....		
3	Soap-houses	37	8	0
1	Sulphuric acid distilling	15	0	0
39	Sulphur storing	285	0	0
42	Tanneries	2,075	0	0
2	Tile kilns	20	0	0
4	Turpentine storing (wholesale)	60	0	0
53	Do. (retail)	260	0	0
64	Wool storing	941	4	0
28	Wool washing and drying	412	8	0
433	Wood in bulk (firewood)	4,242	0	0
963	Do. bundles („)	981	0	0
196	Do. sandal („)	385	0	0
233	Do. timber	3,560	0	0
40	Indigo dye-houses	790	0	0
5	Bullocks stables	35	0	0
5,415	Total.....Rs.	27,987	12	0

Statement No. 1.

RETURNS (various) of Work performed by the Public Health Department during the Year 1887.

DETAILS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Carts emptied at Tardeo Flats and other places	43,598	39,765	44,783	44,545	47,352	43,390	42,594	41,572	40,098	43,970	43,576	46,318	521,561 Dept. / 6,093 Private. } 527,654
Night-soil and Cesspool carts emptied	10,071	9,091	10,149	9,924	10,496	10,697	11,586	14,659	11,392	11,526	11,069	11,428	129,088 Dept. / 7,707 Private. } 136,795
Do. baskets emptied	103,771	93,726	103,773	100,433	106,166	102,696	106,087	105,675	102,692	106,133	102,722	106,122	1,239,996
Covered drains opened and cleaned	92,070	85,701	93,108	93,240	90,957	93,259	94,727	96,489	92,246	95,533	94,047	97,174	1,118,571
Houses visited and disinfected after cases of Cholera, Small-pox, Measles, Fever, Diarrhœa, Dysentery and other cases.	1,579	1,458	1,600	1,522	1,525	1,384	1,480	1,986	1,688	1,603	1,424	1,486	18,735

Statement No 2.

STATEMENT of SUMMONSES under Bombay Acts III. of 1872 and IV. of 1878 during 1887.

OFFENCES.	Section of Act.	Convicted.	Dismissed.	Withdrawn, Offences having ceased.	Total Cases.	Amount of Fines.
						Rs. a. p.
Not complying with notice to construct or lay down covered drains or pipes, &c.	174	15	...	...	15	5 0 0
Not complying with notice to make or lay sufficient drain or pipe and construct cesspool, &c	175	23	...	...	23	3 0 0
Not complying with notice to shut out privies from public view	181	6	...	...	6	25 0 0
Not complying with notice to provide and maintain privy accommodation for work-people	183	6	...	...	6	11 0 0
Not complying with notice to clean, repair, &c., drains, privies, &c., also to make connections with new sewers	185	169	2	14	185	133 0 0
Throwing, or permitting to be thrown, a nuisance into a public street or drain	217	10	...	...	10	8 0 0
Causing or allowing a nuisance to run or fall from house or land	218	14	...	...	14	16 0 0
Keeping or allowing a nuisance on house or land	218	203	...	...	203	432 0 0
Keeping animals on house or land so as to be a nuisance	218	282	1	...	283	295 0 0
Not complying with notice to cleanse house or land (including ventilating and lime-washing)	220	1,525	1	58	1,584	527 8 0
Not complying with notice to fill up low-lying ground	223	6	...	...	6	.....
Using a place as dyeing-house without a license	225	53	...	...	53	.....
Ditto as soap-house ditto	225	1	...	...	1	.....
Ditto as tannery ditto	225	31	...	...	31	15 0 0
Ditto as lime kiln ditto	225	7	...	...	7	.....
Ditto as pottery kiln ditto	225	8	...	...	8	40 0 0
Ditto as brick and tile kiln ditto	225	24	...	...	24	.....
Ditto for making gunpowder ditto	225	2	...	...	2	.....
Ditto for melting tallow ditto	225	1	...	...	1	2 0 0

Offences.	Section of Act.	Convicted.	Dismissed.	Withdrawn, Offences having ceased.	Total Cases.	Amount of Fines.
						Rs. a. p.
Using a place for washing, cleaning and drying cotton refuse without a licence.	225	2	...	...	2	10 0 0
Ditto for the sale or storage of sulphur ditto ...	225	4	...	...	4	.....
Ditto ditto of fireworks ditto ...	225	3	...	...	3	.....
Ditto ditto of turpentine ditto ...	225	10	...	...	10	.....
Ditto ditto of cotton refuse ditto ...	225	50	...	...	50	30 0 0
Ditto ditto of wool ditto ...	225	52	...	...	52	10 0 0
Ditto ditto of rags ditto ...	225	1	...	...	1	.....
Ditto ditto of fish ditto ...	225	29	...	...	29	.....
Ditto ditto of bones ditto ...	225	13	...	...	13	5 0 0
Ditto ditto of horns ditto ...	225	1	...	...	1	10 0 0
Ditto ditto of hides ditto ...	225	20	...	...	20	.....
Ditto ditto of matches ditto ...	225	231	...	...	231	1 0 0
Ditto ditto of kerosine oil ditto ...	225	362	...	...	362	6 0 0
Ditto as stables for buffaloes, horses, &c., ditto ...	226	94	2	...	96	161 0 0
Occupying or keeping places for the sale or storage of wood without a license.	227	351	...	...	351	38 8 0
Ditto ditto of hay or straw ditto ...	227	188	...	...	188	31 0 0
Ditto ditto of coal ditto ...	227	5	...	...	5	.....
Feeding, or permitting to be fed, animals with stable refuse, &c.	236	5	...	...	5	77 0 0
Keeping animals in a stable in excess of the number allowed in the license	By-law	4	...	...	4	15 0 0
Keeping pigs without permission in writing from the Commissioner..	Ditto	12	...	...	12	11 0 0
Keeping a greater quantity of kerosine oil than that expressed in the license	Ditto	1	...	...	1	10 0 0
Total.....	...	3,824	6	72	3,902	1,928 0 0

There were 5,956 summonses issued, including repetitions, witnesses, &c.

Statement No. III.

STATEMENT showing the Number of NOTICES served under various Sections of Acts III. of 1872 and IV. of 1878 during 1887.

Requirements of Section.	No. of Section.	Complied with.	Not complied with.	Pending.	Cancelled.	Total.
Perform duties of Halalkhor	69	5	.....	.....	1	6
Construct or lay down Covered Drain or Earthenware Pipe.	174	9	12	3	1	25
Make connections to the new Sewers.....	174 & 185	5	75	178	7	265
Make or lay sufficient Drain or Pipe, and construct Cesspool.	175	6	23	5	1	35
Lay Stoneware Pipe Drain under ground, and connect the same with a covered water-tight Cesspool	175 & 179	.....	10	2	.....	12
Provide Privy accommodation for the use of Tenants, &c.	180	4	.....	4	.....	8
Shut out Privy from public view	181	9	5	.....	.....	14
Provide and maintain in proper order Latrines for Labourers, &c.	183	.....	.....	1	.....	1
Clean, repair, &c., Drains, Privies, &c.....	185	449	308	20	20	797
Alter Drains, Nahanies, &c., of the house or building ...	185 & 194	.....	8	21	1	30
Cleanse House or Land (including lime-washing)	220	2,412	1,460	33	57	3,962
Render wholesome the building by ventilating, &c.	220	1	3	.....	.....	4
Clean, fill up, &c., Wells, Tanks, &c.	223	1	10	.....	.....	11
Enter house, building, &c., for inspection.....	285	.....	.....	2	.....	2
Keeping pigs without permission.....	By-Laws	24	21	.....	1	46
Total...	.....	2,925	1,935	269	89	5,218

Return showing the Number of Deaths and the Rate of Mortality under One Year of Age to Population.

Divisions.	Localities.	Population by Census of 1881.	Number of Deaths under one year of age in 1886.	Percentage.	Number of Deaths under one year of age in 1887.	Percentage.
	Colaba { Upper	52	26	50·00	18	34·61
	Colaba { Middle and Lower.	347	103	29·68	94	27·08
	Fort { Southern	68	6	8·82	6	8·82
	Fort { Northern	1,234	206	16·69	206	16·69
	Esplanade	431	58	13·45	67	15·54
B	Market	1,271	311	24·46	275	21·63
B	Mandvi	1,097	438	39·92	439	40·01
B	Chuckla	1,220	374	30·65	414	33·90
B	Oomarkhari	1,729	452	26·14	428	24·75
B	Dongri	1,243	292	23·49	260	20·91
C	Dhobi Talao	1,253	323	25·77	269	21·46
C	Fanaswadi	644	138	21·42	130	20·18
C	Bhuleshwar	1,027	283	27·55	261	25·41
C	Khara Talao	866	253	29·21	259	29·90
C	Kumbharwada	1,065	297	27·88	284	26·76
C	Khetwadi	983	215	21·87	231	23·49
C	Girgaum	751	195	25·96	168	22·37
D	Chaupati	276	62	22·46	64	23·18
D	Walkeshwar	411	64	15·57	50	12·16
D	Mahalakshmi	218	50	22·93	78	35·77
E	Mazagon	891	214	24·01	191	21·83
E	Tarwadi	395	132	33·41	126	31·49
E	2nd Nagpada	415	150	36·14	174	41·92
E	Kamathipura	764	298	39·00	328	42·93
E	Tardeo	585	169	28·88	184	31·45
E	Byculla	867	272	31·37	309	35·64
E	1st Nagpada	263	107	40·68	128	48·64
E	Parel	562	180	32·02	207	36·83
E	Sewri	166	34	20·48	39	23·49
F	Sion	557	66	11·84	77	13·82
F	Mahim	488	88	18·03	89	18·23
F	Worli	484	79	16·32	86	17·76
	Water Division	13	...	...	1	7·63
	Non-Resident and Unknown	...	27	...	13	62·00
	Total...	22,636	5,962	26·33	5,953	26·29

Return showing the Percentage of Deaths under One Year of Age to Births in 1887.

Divisions.	Localities.	Births.	Deaths under one year of age.	Deaths per 100 Births.
A	Colaba... Upper	97	18	18·55
	Colaba... Middle and Lower	236	94	39·83
	Fort.... Southern	30	6	20·00
	Fort.... Northern	720	206	28·61
	Esplanade	238	67	28·15
B	Market	725	275	37·93
	Mandvi	751	439	58·45
	Chuckla	723	414	57·26
	Oomarkharee	1,210	428	35·37
	Dongri	713	260	36·46
C	Dhobi-Talao	811	269	33·16
	Fanaswadi	388	130	33·50
	Bhuleshwar	682	261	38·26
	Khara Talao	735	259	35·23
	Kumbharwada	745	284	38·12
	Khetwadi	627	231	36·84
	Girgaum	465	168	36·12
D	Chaupati	223	64	10·76
	Walkeshwar	186	50	26·88
	Mahalakshmi	147	78	53·06
E	Mazagon	505	191	37·42
	Tarwadi	330	126	38·18
	2nd Nagpada	351	174	49·57
	Kamathipura	548	328	59·85
	Tardeo	447	184	41·16
	Byculla	435	309	71·03
	1st Nagpada	349	128	36·67
	Parel	824	207	25·12
	Sewri	138	39	28·26
F	Sion	460	77	16·73
	Mahim	381	89	23·35
	Worli	209	86	41·14
Water Division		.....	1	.....
Non-Resident and Unknown		.....	13	.....
	Total.....	15,429	5,953	38·58

Return showing the Rate of Mortality according to age periods in Kamathipura Sub-Section.

Years.	Under 12 years.		12 to 40 years.		Over 40 years.		Total of all ages.		
	Per 1,000 of Population.		Per 1,000 of Population.		Per 1,000 of Population.		Per 1,000 of Population.		
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
1882	66·40	56·66	20·91	26·59	59·13	63·75	37·27	40·53	Increment of population not calculated.
1883	65·87	67·32	26·97	34·65	53·36	63·25	40·12	47·99	
1884	66·14	72·37	22·69	30·35	55·28	66·26	37·79	47·37	
1885	59·05	66·47	21·01	26·99	59·61	56·22	35·59	42·30	
1886	59·58	72·08	13·80	24·44	55·76	52·20	30·73	41·76	
1887	67·19	70·96	16·20	19·87	59·61	60·24	34·62	40·07	

Return showing the Number of Deaths and Rate of Mortality in Kamathipura Sub-Section.

Years.	Fever.		Diseases of the nervous system.		Diseases of the respiratory system.		Diarrhœa.		Dysentery.		Other causes not epidemic.		Total.
	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths	Per 1,000 of Population.	
1882...	271	9·52	94	3·30	217	7·62	84	2·95	35	1·23	347	12·19	1,048
1883...	341	11·98	142	4·99	176	6·18	68	2·39	29	1·01	375	13·17	1,131
1884...	366	12·86	131	4·60	189	6·64	65	2·28	38	1·33	358	12·58	1,147
1885...	338	11·87	96	3·37	215	7·55	50	1·75	34	1·19	328	11·62	1,061
1886...	276	9·69	81	2·84	220	7·73	58	2·03	27	0·94	320	11·24	982
1887...	286	10·05	82	2·88	253	8·89	43	1·51	32	1·12	322	11·31	1,018

RETURN SHOWING THE NUMBER OF DEATHS AND THE RATE OF MORTALITY IN THE FOLLOWING LOCALITIES SUPPLIED WITH TULSI WATER IN 1885, 1886 AND 1887.

Localities.	1885.				1886.				1887.			
	All Causes except Still-born.		Cholera.		All Causes except Still-born.		Cholera.		All Causes except Still-born.		Cholera.	
	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.
Colaba	382	22·29	10	·58	390	22·76	...	·00	369	21·53	4	·23
Fort	846	22·65	13	·34	764	20·45	...	·00	781	20·91	7	·18
Dhobi Talao	1,178	29·89	39	·98	1,081	27·45	1	·02	1,100	27·91	34	·84
Fanaswadi	484	20·84	36	1·55	427	18·39	...	·00	445	19·16	10	·43
Girgaum	739	29·18	28	1·10	711	28·08	...	·00	703	27·76	13	·51
Chaupati	197	17·94	2	·18	196	17·85	...	·00	226	20·59	4	·36
Walkeshwar	208	18·40	4	·35	194	17·16	...	·00	159	14·06	...	...
Mahalakshmi	146	23·42	1	·16	174	27·92	1	·16	246	39·47	9	1·44

Return showing the Number of Deaths from all Causes and Cholera in the following Localities supplied with Tulsi Water in 1887.

Localities.	Jan.		Feb.		Mar.		Apr.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Total.	
	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.	No. of Deaths.	Cholera.
Colaba	46	...	25	...	40	...	33	...	38	...	25	...	28	...	29	2	30	2	23	...	27	...	25	...	369	4
Fort	70	...	46	...	52	...	65	...	90	...	66	...	63	...	60	2	70	2	75	3	65	...	59	...	781	7
Dhobi Talao	99	...	83	...	85	...	79	...	93	...	77	...	99	7	106	9	132	14	83	2	75	2	89	...	1100	34
Fanaswadi	29	...	43	...	37	...	36	1	32	...	31	...	40	...	40	...	39	1	38	3	49	4	37	1	445	10
Girgaum	58	...	63	...	66	...	60	...	60	...	54	3	58	1	65	3	52	3	53	3	55	...	64	...	703	13
Chaupati	18	...	25	...	14	...	15	...	18	...	19	...	12	...	19	...	24	...	28	4	12	...	27	...	226	4
Walkeshwar	17	...	11	...	15	...	17	...	16	...	10	...	4	...	14	...	12	...	12	...	18	...	13	...	159	...
Mahalakshmi	18	...	13	...	19	...	16	...	23	...	13	...	35	8	27	1	21	...	18	...	21	...	12	...	246	9

I.

CAUSES OF DEATH, arranged according to the Nomenclature of Diseases drawn up by the COMMITTEE OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON, for 1887.

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Diseases.	A.	1	Small-pox	4	2	18	17	16	13	14	1	3	2	3	15	108
		3	Chicken-pox	...	...	1	2	...	...	...	...	...	...	...	...	3
		4	Measles	46	55	77	88	82	43	14	17	6	2	4	10	439
			„ with Bronchitis	...	14	15	17	6	7	2	...	1	3	1	1	67
			„ „ Broncho-Pneumonia	...	...	2	2	3	1	...	...	...	...	...	1	9
			„ „ Convulsions	...	...	3	...	...	...	1	...	...	...	...	...	4
			„ „ Diarrhœa	4	...	1	7	2	...	1	...	...	...	...	1	16
			„ „ Dysentery	...	...	1	1	2	...	...	...	...	...	...	...	4
			„ „ Pneumonia	...	...	3	3	...	...	...	...	...	1	...	1	8
		9	Enteric Fever	...	...	3	1	4	...	1	3	3	2	...	...	18
			„ „ with Pneumonia	1	...	...	...	...	...	...	1	...	...	...	...	1
		10	Relapsing Fever	...	...	...	...	...	...	...	1	...	...	...	...	1
		11	Simple Continued Fever	...	...	...	...	...	...	...	1	...	...	...	...	1
		15	Ague	105	117	107	91	87	88	77	126	111	112	110	96	1,227
			„ with enlargement of Spleen	7	11	11	12	10	18	16	26	21	18	19	17	186
		16	Remittent Fever	...	...	1	...	...	...	...	...	...	...	...	...	1
			„ with Congestion of Brain	282	278	309	312	366	317	330	360	325	326	312	365	3,882
			„ „ Bronchitis	1	1	1	...	4	...	...	2	1	1	2	...	13
			„ „ Broncho-Pneumonia	11	11	11	10	12	12	7	10	10	8	7	16	125
			„ „ Convulsions	...	1	...	...	...	1	...	...	1	...	...	...	3
			„ „ Diarrhœa	2	1	3	3	1	2	3	5	3	1	3	...	27
			„ „ *Dysentery*	11	10	9	6	10	7	8	7	10	3	7	9	97
			„ „ Jaundice	...	1	...	...	...	...	1	...	...	1	...	1	4
			„ „ Liver and Cough	...	1	1	...	1	...	...	1	...	1	1	1	7
			„ „ Pneumonia	1	...	1	...	1	...	...	...	...	...	...	1	4
		18	Malignant Cholera	2	2	2	...	1	1	2	2	1	1	1	2	17
		19	Diphtheria	...	1	2	3	1	8	45	103	48	41	15	2	269
				1	...	...	...	1	...	...	...	...	...	...	...	2

General Diseases.		CAUSES OF DEATH.	No. in Nomenclature of Diseases.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
A.		Hooping Cough	20	3	3	7	7	7	11	8	5	7	9	7	11	85
		" with Enteritis		...	...	...	1	...	...	...	...	...	...	...	1	1
		Mumps	21	...	...	...	...	...	...	...	1	...	...	1	...	4
		Phagedæna	27	...	...	2	2	1	...	...	...	...	...	...	...	...
		Erysipelas	30	...	...	...	...	...	...	...	2	1	...	...	1	11
		Diffuse Cellular Tissue		...	...	1	3	1	...	...	...	...	2	2	...	2
		Pyæmia	31	...	...	3	6	7	11	3	6	10	4	...	3	16
		Puerperal Fever	32	...	5	8	9	7	...	8	...	...	8	8	12	99
		Acute Rheumatism	34	...	2	...	...	1	3	...	3	2	1	1	1	10
		Chronic "		...	1	1	...	2	...	1	...	...	...	...	...	16
		Arthritic Rheumatism	42	...	...	...	...	...	...	...	...	...	...	...	1	1
		Syphilis	43	...	1	1	1	1	1	...	1	1	...	...	...	6
		" Secondary		...	...	2	...	...	...	1	1	...	...	1	1	9
		" Tertiary		...	...	4	2	...	...	...	...	...	...	...	...	4
		" Hereditary		...	1	1	...	...	...	...	...	...	...	...	...	9
		Syphilitic Rheumatism		...	...	3	...	1	...	...	...	1	2	...	4	1
		Cancer	44	2	1	...	1	...	...	...	1	...	...	...	...	14
		" of Liver and Heart		...	...	1	...	...	1	...	1	...	...	...	...	3
		" of Neck		...	...	...	...	...	...	...	...	...	...	...	...	2
		" of Rectum		...	...	...	...	...	...	...	...	...	...	...	...	1
		" of Uterus		...	...	...	1	2	6	2	8	1	11	...	5	8
		True Leprosy	48	1	9	4	8	2	2	3	1	4	7	5	5	72
		Scrofula	49	2	2	8	3	...	3	...	3	1	1	7	...	33
		" Tubercular Meningitis		1	1	...	...	2	...	...	...	...	1	...	...	14
		" Laryngitis		...	...	...	...	...	1	...	...	...	...	...	...	1
		" Disease of Glands		...	...	...	...	...	...	...	...	1	...	...	...	1
		Phthisis Pulmonalis		256	190	197	210	216	187	201	244	248	270	253	284	2,701
		" Tuberculosis		...	...	1	...	2	1	...	2	2	2	1	1	12
		" Tabes Mesenterica		...	...	...	2	1	1	1	2	2	...	...	...	8
		Rickets	50	2	...	...	...	...	1	1	...	...	...	...	1	5
		Diabetes	52	4	8	...	2	...	1	4	...	1	6	2	1	28
		Scorbutic Ulcer	54	...	...	1	...	...	...	...	1	...	...	1	...	2
		Scurvy		...	...	...	...	...	1	...	...	...	...	...	...	1
		Scrotal Abscess		...	...	...	...	...	...	...	...	...	...	...	...	1
		Anæmia	55	27	26	34	25	29	30	29	21	30	30	25	29	335
		General Dropsy	57	5	4	7	4	7	4	12	10	7	13	7	11	91
		Beri-Beri	58	2	...	...	...	...	...	...	...	...	...	...	...	2

Local Diseases.

Diseases of the Nervous System.

| | | |

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Local Diseases.	Diseases of the Nervous System.	93	Epilepsy	2	1	3	3	2	...	1	2	4	5	2	2	27
		95	Spasm	1	...	...	...	...	...	...	...	...	...	...	...	1
		96	Laryngismus Stridulus	...	...	...	...	...	...	...	...	...	...	1	1	2
		99	Hysteria	2	...	2	...	1	...	...	3	3	1	2	...	14
			Disorders of Intellect.													
		106	Melancholia	...	...	...	...	...	...	1	...	...	1	...	...	2
	Diseases of the Eye, Ear, and Nose.		*Diseases of the External Meatus.*													
		191	Abscess	...	...	...	...	1	...	...	...	...	...	...	...	1
			Internal Ear Diseases	...	...	...	...	...	...	...	1	...	...	...	...	1
			Diseases of the Nose.													
		211	Abscess	...	1	...	...	...	...	...	...	...	...	...	...	1
		213	Epistaxis	...	...	...	...	...	...	...	...	...	...	...	1	1
		215	Polypus	...	...	...	...	...	...	...	...	1	...	...	...	1
	Diseases of the Circulatory System.		DISEASES OF THE HEART AND ITS MEMBRANES.													
			Diseases of the Pericardium.													
		219	Pericarditis	...	...	...	...	...	...	...	...	2	...	1	...	3
			„ with Rheumatism	...	...	2	...	...	...	...	...	...	...	...	...	2
			Diseases of the Endocardium.													
		225	Valve Diseases	9	16	5	13	10	8	12	5	8	4	11	15	116
			„ and Dropsy	1	2	1	2	...	...	...	2	...	1	...	...	9
			„ and Mitral Regurgitation	...	...	1	1	1	...	1	...	...	...	...	1	5
			Diseases of the Muscular Structure of the Heart.													
		229	Hypertrophy	...	...	...	...	...	...	...	...	...	...	...	...	...
		230	Dilatation	...	...	1	...	2	...	1	2	...	...	1	...	
		233	Fatty Degeneration	1	...	1	1	2	...	1	1	...	...	2	2	11
		235	Aneurism	...	...	...	...	1	...	1	1	...	...	1	...	4
		242	Angina Pectoris	...	...	...	1	...	...	...	...	...	...	...	...	1
		243	Syncope	...	...	1	...	1	...	...	...	...	...	1	1	4

Local Diseases.

Diseases of the Circulatory System.

Diseases of the Respiratory System.

Diseases of the Digestive System.

	DISEASES OF THE BLOOD VESSELS.																					
	Diseases of the Arteries.																					
248	Occlusion—																					
	Thrombosis	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	1	4
	Embolism	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	2
	Diseases of the Veins.																					
261	Phlegmasia Dolens	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	Diseases of the Respiratory System, not strictly local.																					
288	Croup	...	...	...	...	...	...	...	...	4	3	3	7	...	...	3	4	1	4	2	...	31
	„ and Pharyngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1	...	...	...	...	1
	„ and Pneumonia	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2
	Diseases of the Larynx.																					
293	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	1	4
296	Œdema of the Glottis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
304	Spasm of the Glottis	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	2
	Diseases of the Trachea and Bronchi.																					
306	Bronchitis—																					
	Acute	...	...	...	...	...	...	...	...	94	97	107	77	97	89	116	119	97	107	87	93	1,180
	Chronic	...	...	...	...	...	...	...	...	111	116	102	91	102	87	85	111	92	95	82	99	1,173
	Broncho-Pneumonia	...	...	...	...	...	...	...	...	4	2	1	1	2	2	1	1	2	3	1	2	22
314	Asthma	...	...	...	...	...	...	...	...	38	31	32	25	34	21	14	27	31	21	25	38	337
	Diseases of the Lung.																					
315	Pneumonia	...	...	...	...	...	...	...	...	85	79	86	74	60	56	77	85	67	79	51	65	864
317	Gangrene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	4
318	Passive Congestion	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	1	...	1	...	...	5
	„ Hæmoptysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
322	Emphysema	...	...	...	...	...	...	...	...	2	2	1	...	1	...	...	...	...	...	...	...	6
323	Atelectasis	...	...	...	...	...	...	...	...	18	16	14	12	15	14	14	18	20	29	23	19	212
326	Chronic Pneumonic Phthisis	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	1	...	3
	Diseases of the Pleura.																					
331	Pleurisy	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	1	2	...	1	7
	Pleuro-Pneumonia	...	...	...	...	...	...	...	...	1	...	...	1	1	2	1	...	...	...	1	4	11
	Diseases of the Mouth.																					
348	Stomatitis	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...	3
349	Ulcerative Stomatitis	...	...	...	...	...	...	...	...	...	1	...	...	1	1	1	...	...	...	1	1	6
352	Abscess of the Cheek	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
353	Cancrum Oris	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	1	...	1	...	4

Local Diseases.

Diseases of the Digestive System.

No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Diseases, Malformations, and Injuries of the Teeth, Gums and Alveoli.													
365	Teething	...	3	1	...	...	4	...	1	...	2	2	...	13
	„ Bronchitis	...	1	6	2	1	2	3	4	1	1	...	...	21
	„ Convulsions	...	...	1	...	1	1	1	...	...	...	...	2	6
	„ Fever	2	6	...	...	5	...	4	3	1	2	2	2	27
	„ Diarrhœa	...	1	...	6	1	2	1	...	1	...	1	2	15
	„ Dysentery	...	...	...	1	...	...	...	...	...	...	...	...	1
	Development	...	...	...	...	...	1	...	...	...	...	...	...	1
	Diseases of the Fauces and Palate.													
419	Sore Throat	1	...	...	...	...	...	...	...	...	...	...	1	2
421	Ulcerated Throat	...	...	...	...	...	1	...	...	1	...	...	...	2
422	Quinsy	...	...	...	...	...	1	...	...	...	1	...	...	2
423	Tonsilitis	1	1	...	1	1	...	...	...	1	...	...	1	6
	Diseases of the Stomach.													
449	Gastritis	1	...	1	...	...	1	...	...	1	...	...	...	4
	Gastro-Enteritis	...	...	...	...	...	1	1	...	...	2	...	...	4
450	Chronic Ulcer	...	...	...	...	...	...	...	...	...	...	...	...	...
451	Hæmatemesis	...	...	...	...	...	...	...	...	...	...	...	...	...
	„ Ascitis	1	...	...	...	...	...	...	...	...	...	...	...	...
460	Dyspepsia	...	...	...	...	...	...	...	...	...	...	...	...	1
463	Vomiting	...	1	1	...	1	1	2	1	1	1	...	1	9
	Diseases of the Intestines.													
464	Enteritis	...	1	1	2	5	...	1	...	1	2	1	...	14
465	Typhlitis	...	...	...	...	...	...	1	...	...	...	...	...	1
466	Dysentery	...	...	...	...	...	...	...	...	...	...	...	...	...
467	Ulceration	74	51	56	58	41	32	40	48	54	36	23	57	570
469	Abscess in the sub-peritoneal tissue	...	...	...	...	...	...	...	...	...	...	...	...	...
470	Fæcal Abscess	...	1	...	...	...	1	2	...	...	...	...	...	3
473	Melæna	...	...	...	...	...	...	...	...	...	...	...	...	1
475	Tympanitis	1	...	...	1	...	1	1	1	2	...	...	...	6
476	Obstruction	3	2	2	1	...	...	...	3	3	1	1	5	21

Local Diseases.

Diseases of the Digestive System.

478	Intussusception	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	2
480	Hernia	...	...	...	...	...	...	...	6	2	3	2	1	1	1	2	...	...	1	3	3	25
483	Parasitic Diseases—																					
	Ascaris Lumbricoides...	...	...	...	...	...		2	...	3	2	1	...	1	5	1	1	2	2	20
484	Diarrhœa ...	...	...	...	...	...	...	...	105	92	57	87	90	67	79	152	114	76	84	67	1,070
486	Colic	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	2	...	4
	Diseases of the Rectum and Anus.																					
488	Ulceration ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2
	„ Kidney	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
490	Fistula in Ano ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	2
491	Hæmorrhoids ...	...	...	...	...	...	...	...	2	1	...	2	...	...	...	1	...	1	...	1	8
494	Prolapsus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
495	Stricture ...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	...	1	...	1	5
	Diseases of the Liver.																					
501	Hepatitis ...	...	...	...	...	...	...	...	12	18	15	14	10	16	11	12	14	12	15	11	160
	„ Peritonitis ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
502	Abscess	...	...	...	...	...	...	...	6	7	10	4	3	1	4	2	2	7	3	2	51
503	Atrophy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
504	Simple Enlargement ...	...	...	...	...	...	...	...	1	2	3	...	1	3	3	...	1	1	...	3	18
	„ „ and Jaundice ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	„ „ Spleen and Kidney ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
	„ „ Dropsy ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	2
	„ „ Spleen and Paralysis	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
506	Cirrhosis ...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	1	...	...	3
	„ Ascitis ...	...	...	...	...	...	...	...	2	...	1	...	...	1	...	...	...	...	...	...	4
	„ Dropsy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	3
509	Lardaceous Liver ...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	1	1	...	...	...	5
513	Jaundice... ...	...	...	...	...	...	...	...	2	1	2	1	1	2	3	2	4	4	3	7	32
	Diseases of the Spleen.																					
524	Splenitis	...	...	...	...	...	...	...	...	...	2	2	3	2	2	1	...	2	1	1	16
	Diseases of the Peritoneum.																					
531	Peritonitis ...	...	...	...	...	...	...	...	2	2	1	...	1	...	...	5	1	2	...	1	15
532	Ascitis	...	...	...	...	...	...	...	1	1	1	...	1	...	1	2	...	...	1	1	9
	„ Hydrothorax	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Abdominal Diseases ...	...	...	...	...	...	...	...	...	...	3	...	1	1	2	1	1	...	2	1	12

		No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Local Diseases.	Diseases of the Urinary System.		*Diseases of the Kidney.*													
		538	Bright's Disease—													
			1. Acute	...	1	1	...	...	1	1	2	3	...	1	3	13
			2. Chronic	4	...	4	4	1	3	2	1	...	1	6	...	26
			Bright's Disease and Pericarditis	1	...	...	...	...	...	...	...	...	...	...	...	1
			„ „ Valvular Disease of Heart	...	...	...	...	2	...	...	...	...	...	...	...	2
			„ „ Cirrhosis of Liver and Bronchitis	...	...	...	...	1	...	...	...	...	...	...	...	1
		554	Suppression of Urine	...	...	...	...	1	...	...	...	1	...	1	...	3
			Diseases of the Bladder.													
		557	Cystitis	1	1	1	...	...	...	1	1	...	...	1	1	7
			„ Hæmaturia	...	...	...	...	1	...	...	...	...	...	...	...	1
		570	Calculus	1	1	...	2	...	...	...	...	1	...	1	...	6
			„ Paralysis	...	...	...	...	...	...	...	...	1	...	...	...	1
		577	Retention of Urine	...	...	...	...	...	...	1	...	...	...	...	...	1
			Diseases of the Male Urethra.													
		596	Stricture	1	1	...	...	...	...	...	...	...	...	...	...	2
		599	Urinary Fistula	...	...	...	...	...	...	...	...	...	...	...	...	...
		601	Extravasation of Urine	...	...	...	...	...	1	...	...	1	...	2	1	5
			Uræmia	...	...	...	...	...	...	...	...	...	1	...	...	1
	Diseases of the Generative System.		DISEASES OF THE MALE ORGANS OF GENERATION. *Diseases of the Scrotum.*													
		608	Sloughing	...	...	...	1	1	...	2	...	2	1	...	...	7
			DISEASES OF THE FEMALE ORGANS OF GENERATION IN THE UNIMPREGNATED STATE. *Diseases of the Ovary.*													
		635	Fibrous Tumour	...	...	...	1	...	...	1	...	...	...	1	1	4
		638	Cyst Fatty Degeneration	...	...	...	...	...	1	...	...	...	...	...	...	1
			Diseases of the Broad Ligament.													
		650	Inflammation—													
			Pelvic Peritonitis	...	...	...	1	2	...	...	...	...	...	...	...	3
			Pelvic Cellulitis	...	...	2	...	...	1	...	...	...	...	...	...	2
			Diseases of the Uterus including the Cervix.													
		658	Ulcer and Vaginal Pelvic Cellulitis	...	1	...	...	...	...	...	...	...	...	...	...	1

Local Diseases.

Diseases of the Generative System.

		Diseases of the Vagina.																								
670	Catarrh															1		1			1			3		
	Functional Diseases of the Female Organs of Generation.																									
694	Menorrhagia																				1		1	2		
	Affections connected with Pregnancy.																									
	Anæmia															1								1		
	Fever and Pneumonia													1										1		
	Died during Confinement																							1		
	Eclampsia in Pregnancy									1									3	3				7		
	Albuminuria and Asthma										2													2		
																						1		1		
	Disorder of the Generative System.																									
703	Abortion									1		1	1	1	3	1					1	5		14		
704	Premature labour																	1	3	3	2			9		
	Affections connected with Parturition.																									
709	Hæmorrhage								1	1			1		1						1	1	1	6		
	Placenta-prævia							1																3		
710	Rupture of Uterus							1								1		1						3		
714	Retention of the Placenta																				1			1		
	Affections consequent on Parturition.																									
717	Post-partum Hæmorrhage												1								1			3		
719	Metro-Peritonitis										1				2			1				1		3		
720	Pelvic Abscess and Peritonitis																		1					3		
726	Puerperal Mania																							1		
727	Puerperal Convulsions																							1		
728	Sudden Death after Delivery							10	12	6	6	7	5	6	13	5	12	7	13	102						
	Embolism													1			1			2						
	Thrombosis											1								1						
	Childbirth							1		1	2	1	3	3	3	1	3	1		19						
	Diseases of the Breast.																									
	Abscess							1			1	1							1			1		5		

CAUSES OF DEATH.	No. in Nomenclature of Diseases.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Disease.														
Diseases of the Organs of Locomotion.														
Diseases of Bones.														
Chronic Abscess	758	3	2	4		7	2	4	4	3	5	1	3	38
Caries	759	1				1							1	3
Necrosis	760	1	1		1	2	6	2	1					11
Diseases of Joints.														
Acute Synovitis	768	1	1	1						1			1	2
Chronic Synovitis	769				1									1
Sinus of Elbow Joints and Diseases of the Foot				1						1				2
Chronic Diarrhœa														1
Diseases of the Spine.													1	1
Curvature and Meningitis	788													
Diseases of the Muscular System.														
Diseases of the Muscles.														
Gangrene	795	3	1							2				6
Tumour	800	2												2
Diseases of the Cellular Tissue.														
Abscess	819	3		2	1	1	2	4	2	1	2		1	16
Slough	821							1	1	2	2	1		11
Parasitic Diseases—Filaria Medinensis	825				1					1				3
Diseases of the Cutaneous System.														
Eczema	843	1	1			1	1	1				1	1	1
Ulcer	859						1			2		2		4
Carbuncle	862			1	2		1					1		5
Elephantiasis	869													5
Disease of the Cutaneous System.														

		Conditions not necessarily associated with General or Local Diseases.																					
Conditions not necessarily associated with General or Local Diseases.	902	Still-born								85	82	110	86	108	88	95	144	115	117	81	85	1199
	903	Premature Birth								1	1	1	1	3	1	2	2	1	2	2	1	18
	904	Old Age								25	34	30	13	15	21	21	19	21	21	18	28	266
	905	Debility								85	69	83	68	78	81	105	112	109	85	85	106	1066
		Poisons.																					
		Metals and their Salts.																					
Poisoning.	906	Arsenic—																					
		Suicidal								1								1	1			3
		Unknown													1							1
	909	Copper											1									1
		Acids.																					
	922	Sulphuric acid, suicidal, during fit																					
	924	Hydrate of chloride, suicidal													1			1				1
		Vegetable Poisons.																					
	936	Opium—																					
		Accidental											1	1			1	1				4
		Suicidal								4	3	1	2	2	5	3	4	2	5	2	1	34
		Unknown														1	1				1	3
	938	Alcoholic excessive drinking														1	1			1		9
	950	Digitalis										1	1	2	1	2	1					1
	953	Nux Vomica										1										
		Strychnia suicidal																				
		Poison unknown																		1		1
		Gaseous Poisons.																		1		1
		Mephitic																			1	1
		Poisoned Wounds.																				
	985	By Venomous Animals—																				
		Snake-bite														1			1	1		3
		Rat-bite																1				1
		Dog-bite												1					1			1
		Tiger																				1

	No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
		General Injuries.													
General Injuries.	992	Burns and Scalds	3	...	1	...	...	...	...	...	1	2	...	1	8
		" " " homicidal	...	...	...	...	...	...	...	...	...	...	...	1	1
		" " " caused by clothes taking fire...	...	4	2	3	2	2	...	1	2	...	2	3	21
		" " " by explosion of powder work	...	...	...	...	...	...	...	...	...	...	...	2	2
		" " " caused by falling into a drain	1	...	...	...	...	...	...	...	...	...	...	...	1
		" " " Multiple injuries, caught in a machine	...	...	...	...	...	...	1	...	...	...	...	...	1
		" " while getting into a train	...	...	...	...	...	...	...	...	...	...	...	...	1
		" " by being run over by a tram-car	...	...	1	...	...	...	...	...	...	...	1	...	1
	995	Asphyxia—													
		From drowning in a basin, suicidal	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " dock, accidental	...	...	...	...	...	1	...	2	...	...	...	...	3
		" " pond, accidental	...	...	...	...	...	...	1	...	1	...	...	1	3
		" " ditch, accidental	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " quarry hole, accidental	...	...	...	...	...	1	1	...	...	...	...	...	2
		" " reservoir, suicidal	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " " unknown	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " sea, accidental	1	...	3	3	1	...	1	2	...	1	...	...	12
		" " " found drowned...	...	1	...	...	...	1	...	...	1	...	1	...	4
		" " tank, accidental	...	3	...	...	3	1	1	...	1	2	...	2	13
		" " " suicidal	...	...	2	1	1	1	1	...	2	1	1	3	13
		" " " found drowned	...	...	...	2	...	...	...	...	1	...	...	...	3
		" " well, accidental	...	...	...	...	...	...	1	3	...	...	...	...	4
		" " " suicidal	1	2	2	4	1	...	2	1	3	4	1	1	22
		" " " during fever	...	...	...	1	...	...	...	...	...	...	...	...	1
		" " " found drowned... ...	...	...	...	...	...	...	1	...	...	...	...	...	1
		" " water course, accidental	...	...	...	...	...	...	...	...	1	...	...	...	1
		" hanging, suicidal	...	2	...	1	...	...	...	...	...	1	1	...	5
		" " by law	...	...	...	..	1	...	...	...	...	...	...	...	1
		Suffocation caused by being buried in debris of a fallen house	...	...	2	1	...	...	...	...	...	...	..	...	3
	996	Privation	4	4	1	2	2	1	2	5	6	4	1	3	35

Local Injuries.

1003	Concussion of brain by an accidental fall out of a window ...	...	...	...	...	1	...	...	...	...	...	...	...	1
	Compression " " " " ...	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " by falling down from a staircase ...	1	...	...	...	...	...	...	...	...	...	...	...	1
	" " by an accidental fall into the hold of a ship.	...	...	1	...	...	...	...	...	...	...	...	...	1
1004	Fracture of the vault of the skull—																
	Compound fracture of skull by jumping out of a window during insanity	...	...	...	...	...	....	...	...	...	1	...	...	1
1006	Fracture of the base of the skull	1	...	...	...	...	...	...	...	...	...	...	...	1
	" " by an accidental fall into a dock.	...	...	...	...	...	...	...	...	...	...	...	...	1
	" " " into hold of a ship.	...	...	...	...	...	...	...	...	...	1	...	...	1
	" " by an accidental fall	...	...	...	1	...	...	...	...	1	...	...	...	2
	" " by an accidental fall into a well	...	...	...	...	...	...	...	1	...	...	...	...	1
	" " by an accidental fall from a ship into a parrow	...	...	...	...	1	...	...	...	...	...	...	...	1
	" " by jumping from the 2nd story of a house	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " by an accidental fall out of a window	...	...	...	1	...	...	...	...	...	...	...	...	1
	" " by an accidental fall from the 1st story of a house...	...	...	...	1	...	...	...	...	...	...	...	...	1
	" " " 2nd story of a house.	...	...	...	1	...	...	...	1	...	...	...	1	3
	" " " 3rd story of a house.	1	...	...	...	1	...	...	...	...	...	...	...	2
	" " " 4th story of a house.	...	1	...	...	...	1	...	...	1	...	...	...	3
	" " " from a loft ...	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " by falling down from a staircase	...	...	...	...	...	...	1	...	...	...	...	...	1
	" " by an accidental fall from "	1	...	...	1	...	...	...	...	...	...	...	...	2
	" " by the fall of a house	...	...	...	...	...	...	...	1	...	...	1	1	3
	" " by an accidental fall of bags of grain	...	...	...	...	...	...	...	...	...	1	...	...	1
	" " by an accidental fall of bales of cotton	1	...	...	...	...	...	...	...	...	...	...	...	1
		...	...	...	..	...	...	...	...	...	...	1	...	1

	No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Local Injuries.	1006	Fracture of the base of the skull by an accidental fall from a stock of bags of grain ...	...	...	...	1	...	...	...	...	...	...	...	...	1
		" " by an accidental fall from a stock of cotton bale... ...	...	...	...	...	...	...	1	...	...	...	...	...	1
		" " by accidental fall of a pole ...	...	...	...	1	...	...	...	...	...	...	...	...	1
		" " by accidental fall of a pillar ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " by accidental fall of a block of coals	...	...	...	...	1	...	...	...	...	...	...	...	1
		" " by being knocked down by a horse	...	...	...	1	...	...	...	...	...	...	...	...	1
		" " by the upsetting of a brougham while the horse was away...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " by jumping from a coach box ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " by an accidental fall of a log of timber	1	...	...	...	...	...	...	...	...	...	...	...	1
		" " by an accidental fall from a tree.	...	...	...	...	...	...	...	...	...	...	...	1	1
		" " by being run over by a cart ...	1	1	...	1	...	...	...	1	1	...	...	...	5
		" " being jammed between the buffers of two railway wagons	1	...	...	...	...	...	...	...	...	...	...	...	1
		" " by being knocked down by a horse	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " by being struck by a hook of an iron chain	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " by being struck with a handle...	1	...	...	...	...	...	...	...	...	...	...	...	1
		Laceration of brain by being knocked down by a horse ...	...	...	...	...	...	...	...	...	...	1	...	...	1
	1010	Injury to the head by an accidental fall from the roof of a house.	...	...	...	...	...	...	...	1	...	...	...	...	1
		" of the cerebral nerves by an accidental fall from a height	...	...	...	...	...	...	...	...	...	1	...	...	1
		" to the head	...	...	...	...	2	...	...	...	...	...	...	...	2
		Crushed to death in a machine	...	...	...	...	...	...	...	...	...	...	...	...	1
		Injuries of the Neck.													
	1042	Wound—													
		" cut throat, suicidal	1	1	...	...	...	...	...	...	...	...	1	...	3
		Injury to the neck	...	...	...	...	...	...	...	1	...	...	...	...	1

		Injuries of the Chest.															
1050	Fracture of Ribs—																
	" "	by being knocked down by a horse ...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	" "	by being run over by a cart	...	...	...	...	...	...	...	...	..	...	1	1		2
	" "	by an accidental fall into the dock... ...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Wound of chest caused by the bursting of a bottle of soda-water, accidental		...	...	...	...	...	1	...	...	...	...	...	...	...	1
1054	Penetrating wound of chest homicidal		...	...	1	...	...	...	...	...	...	...	...	...	...	1
	" " of lung...		...	...	...	...	1	...	...	...	...	...	...	...	...	1
	" " of heart		...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Injuries to the Back.															
1062	Fracture of spine by an accidental fall from a tree		...	1	...	...	...	...	...	...	...	...	...	...	...	1
	" " by being knocked down by a Victoria		...	...	...	1	...	...	...	...	...	...	...	...	...	1
	" " by jumping out of a window...		...	...	...	...	...	...	1	...	...	...	...	...	...	1
	" " by an accidental fall of a bale of goods ...		...	...	...	...	...	1	...	...	...	...	...	...	...	1
	" " " " " of a wooden trussel ...		...	...	...	...	...	1	...	...	...	...	...	...	...	1
	" " " " " " of bags of rice ...		...	...	...	...	...	...	...	1	...	...	...	...	...	1
	" " " " " " of scaffolding ...		...	...	...	...	...	1	...	...	...	...	...	...	...	1
	" " by being knocked down by a winch handle...		...	...	...	...	1	...	...	...	...	...	...	...	...	1
		Injuries to the Abdomen.															
1064	Contusion by being run over by a cart, peritonites		1	...	...	...	...	...	...	...	...	...	...	...	...	1
1065	Rupture by being run over by a cart		...	...	...	2	...	...	1	...	1	...	...	...	...	4
1066	" by being jammed between the buffers of railway wagons		...	...	...	...	...	...	...	...	...	1	...	...	...	1
	" of liver		1	...	...	...	...	...	...	...	...	..	...	...	...	1
	" of intestines by being run over by a cart		...	...	...	...	1	...	...	...	...	...	...	...	...	1
	" of spleen by being knocked down by a railway engine		...	...	...	...	1	...	...	...	...	...	...	...	...	1
1067	Wound of abdomen		...	...	...	...	1	...	...	...	...	...	...	...	...	1
	" by an accidental fall of an iron pillar		...	...	1	...	...	...	...	...	...	...	...	...	...	1
	" by being run over by a cart		...	...	...	...	...	...	...	...	...	1	...	...	...	1
	" occasioned by an explosion of a blast of gunpowder ...		...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Injury to the abdomen—		...	...	...	...	1	...	...	...	...	...	...	...	...	1
	" " by an accidental fall into a parrow]...		...	...	...	...	...	1	...	...	...	...	...	...	...	1
	" " by being run over by a carriage ...		...	...	...	...	1	1	1	...	1	...	...	...	...	4

	No. in Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Local Injuries.		Injuries by an accidental fall of a piece of timber	1	...	...	...	...	...	...	...	...	1	...	...	2
		" " " of a stone	...	...	...	...	1	...	...	...	...	...	...	...	1
		" by being trodden by a bullock	...	1	...	...	...	...	...	...	...	...	...	...	1
		" " run over by a shigram...	...	...	1	...	...	...	...	...	...	...	...	...	1
		Injuries of the Pelvis.													
	1078	Wound of Penis and Scrotum inflicated by him during unsound state of mind	...	...	...	...	...	...	...	...	...	1	...	...	1
	1084	Rupture of the bladder caused by a kick of a horse	...	...	...	...	...	1	...	...	...	...	...	...	1
	1090	Fracture of Pelvis caused by the fall of earth	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " by an accidental fall of bags of saffron.	...	...	...	...	1	...	...	...	...	...	...	...	1
		Injuries of the Upper Extremities.													
	1094	Gunshot—													
		" wound of arm received in a battle at Brahma ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" " of fore-arm by being run over by a cart ...	...	...	...	...	...	1	...	...	...	...	...	...	1
		Wound lacerated of hand by being knocked down by a horse.	...	...	...	...	...	...	...	...	...	...	1	...	1
	1104	Fracture, compound, of fore-arm, by being run over by a tram-car	...	1	...	...	...	...	...	...	...	...	...	...	1
	1110	Fracture of arm by a fall on the road while getting out of a Victoria, gangrene...	...	...	...	...	...	...	...	...	...	1	...	...	1
		Injuries of the Lower Extremities.													
	1117	Wound of leg	...	1	...	...	...	...	...	...	...	...	...	1	2
	1117	" " inflicated with a sword, homicidal	...	...	...	1	...	...	...	...	...	...	...	...	1
		" foot by being run over by a cart, gangrene ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		" thigh by an accidental fall into a drain	...	...	...	1	...	...	...	...	...	...	...	...	1
		Fracture of leg	...	...	...	...	...	...	...	1	...	...	...	...	1
		" " by an accidental fall of a sling of dates ...	...	...	...	1	...	...	...	...	...	...	...	...	1
	1121	" of right hip	...	...	...	1	...	...	...	...	...	...	...	...	1

Local Injuries,	1121	Fracture, compound, comminuted of leg, by an accidental fall of an iron piece...	...	...	1	...	...	...	...	...	...	...	...	...	1
		" " of thigh and spine, by an accidental fall of an iron pillar	...	...	...	...	1	...	...	...	...	...	...	...	1
		" " " by an accidental fall of a bag of grain	...	...	...	1	...	...	...	...	...	...	...	...	1
		" " of leg and arm by being run over by a cart.	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " of thigh by an accidental fall on the road ...	...	...	...	...	1	...	...	...	...	...	...	...	1
	1122	Fracture of thigh by being caught in the machine of a mill...	...	...	...	...	...	...	1	...	...	...	...	...	1
		" " by jumping out of a window, suicidal ...	...	...	...	...	1	...	...	...	...	...	...	...	1
	1127	Injuries to the leg	...	...	...	...	...	...	...	...	...	...	1	...	1
		" " by being run over by a cart, gangrene...	...	...	...	...	1	...	...	...	...	...	...	...	1
	1127	" " by being run over by a railway train ...	...	1	...	...	...	...	...	...	...	...	...	...	1
	1137	Dislocation of the ankle by being run over by a victoria ...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Injury caused by an accidental fall	...	...	...	...	...	1	...	...	...	...	...	...	1
		Compound fracture	...	...	...	...	...	...	...	...	...	1	...	...	1
		Injuries caused by being knocked down by a railway train ...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Unspecified causes	...	1	2	...	5	...	1	1	1	4	1	...	16

CAUSES of DEATH at different Ages among JAINS

MALES.

		Days.	Months.	YEARS.																						All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
General Diseases.	A. Small-pox	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	A. Measles	..	..	2	2	6	3	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	14
	A. Fever. Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
	A. Fever. Simple continued	..	..	1	1	..	1	1	..	..	..	..	..	..	1	2	..	..	..	1	..	1	1	2	..	..	..	15
	A. Fever. Ague	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	A. Fever. Remittent fever	..	..	13	22	9	5	3	1	..	1	2	..	..	2	5	5	9	6	7	6	7	15	6	5	3	2	2	134
	A. Cholera	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	..	1	..	1	..	..	..	..	..	..	5
	A. All other diseases classed under Section A of General Diseases	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2
	B. Leprosy	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	3
	B. Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B. All other diseases classed under Section B of General Diseases	..	1	..	2	2	1	2	1	1	1	..	..	..	..	2	4	6	7	2	8	7	7	8	2	1	..	65
Local Diseases.	Diseases of the Nervous system	..	31	22	3	4	..	..	..	..	..	..	..	..	1	2	3	..	..	..	..	1	2	1	3	..	..	73
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	3	1	1	1	..	..	..	..	..	8
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	1	19	20	13	3	..	..	..	..	..	..	..	1	..	1	..	2	4	3	2	6	6	1	10	9	..	1
	Digestive system. Diarrhœa	..	1	2	4	1	..	..	..	..	..	..	..	1	..	1	1	3	1	3	1	4	1	3	3	..	1	
	Digestive system. Dysentery	..	..	..	..	..	1	..	..	..	1	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	..	
	Digestive system. All other diseases registered under Digestive system	..	..	..	2	1	..	..	..	..	..	..	..	..	..	2	2	1	1	3	2	1	..	..	..	..	..	15
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	1	..	..	3
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	3
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	3	1	1	7
	Debility	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	10
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	1	..	..	..	1	..	..	..	..	..	6
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
	Local Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	3
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	1	..	..	..	..	..	..	..	4
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Causes exclusive of Still-born		..	41	59	53	43	14	7	3	1	2	3	1	..	5	7	19	28	22	21	24	24	40	26	21	27	14	4	509
Cholera, Small-pox, and Measles		..	..	3	12	6	3	..	..	..	1	..	..	1	..	..	2	..	..	1	..	1	..	..	..	..	..	..	20
All other Causes		..	41	56	51	37	11	7	3	1	2	2	1	..	4	7	18	26	22	21	23	24	39	26	21	27	14	4	489

during the Year beginning 1st January 1887.

FEMALES.

Days.	Months.	YEARS.																																All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over										
..	1	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
..	1	4	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
..	..	3	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	2	3	1	1	..	..	..	..	..	..	..	..	..	..	16
..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	13	27	16	3	1	1	..	..	1	..	..	1	3	2	5	2	2	1	3	2	3	1	4	3	2	..	..	..	..	..	..	..	..	..	95
..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
..	..	1	..	..	..	..	..	..	..	..	..	..	2	1	..	2	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
..	..	2	2	3	..	..	..	..	..	1	4	5	17	16	10	14	4	7	4	6	8	3	..	..	106	1	..	4	4	4	2	1	1	..	..	17
10	3	3	..	..	1	..	..	..	..	..	..	..	..	5	2	..	..	..	1	1	..	2	..	..	41	44	32	6	7	..	1	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..	7	23	13	2	4	1	..	..	..	..	..	1	..	1	2	..	..	1	2	..	6	12	2	1	78	1	20	43	26	5	4	1	..	..	..	..
..	1	1	2	2	..	..	..	2	..	..	..	..	..	..	3	..	..	..	1	2	2	2	1	..	17	..	2	3	6	3	..	1	2	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
1	1	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	5	1	1	1	2	1	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	3	5	2	1	1	..	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..
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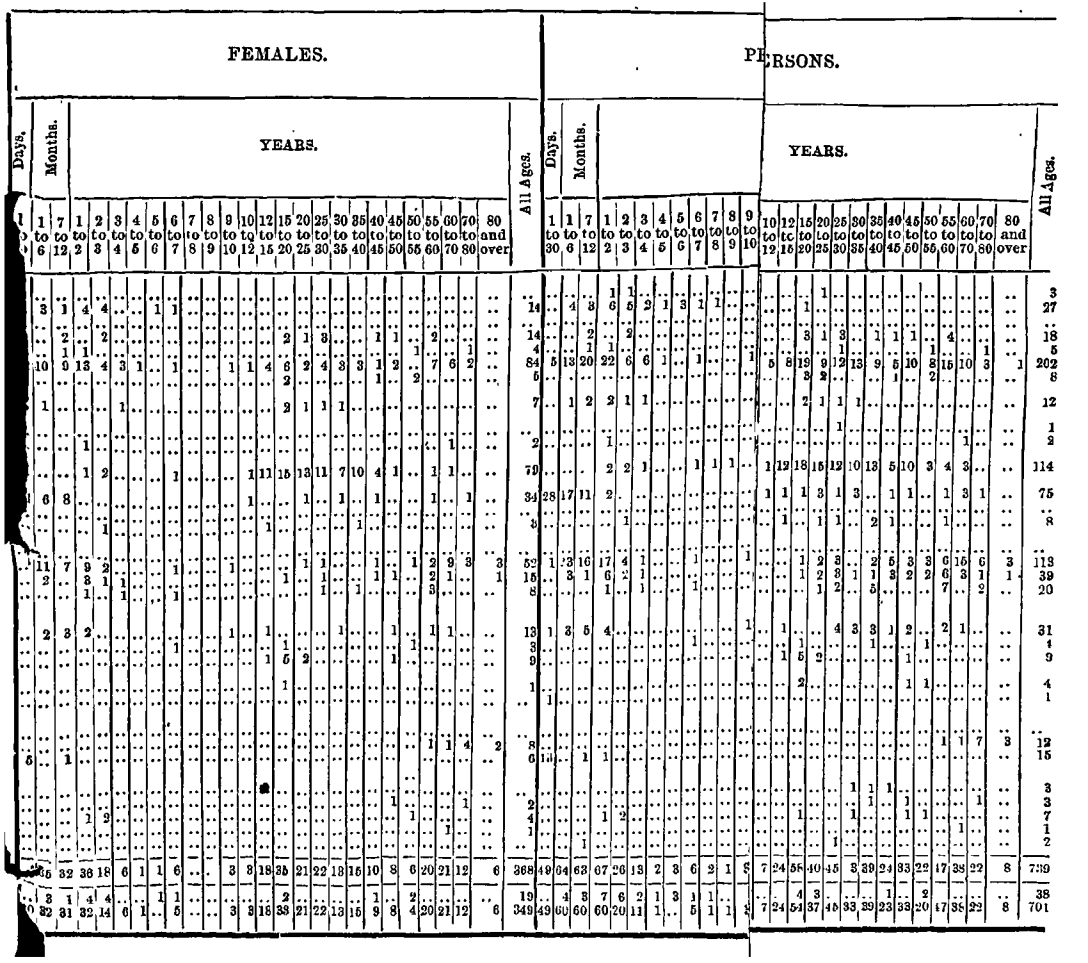
III.

CAUSES of DEATH at different Ages among BRAHMINS

MALES.

		Days.	Months.	YEARS.																								All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
General Diseases.	A. Fever. Small-pox				1	1											1											3
	A. Fever. Measles		1	2	2	1	2	1	2		1					1												13
	A. Fever. Enteric fever																											
	A. Fever. Simple continued															1			1				2					4
	A. Fever. Ague																	1										1
	A. Fever. Remittent fever	4	3	11	9	2	3							4	4	13	7	8	10	6	4	8	8	8	4	1	1	118
	A. Cholera															1	2											3
	A. All other diseases classed under Section A of General Diseases			2	2	1																						5
	B. Leprosy																	1										1
	B. Dropsy																											
	B. All other diseases classed under Section B of General Diseases				1		1				1	1		1	3	2	1	3	3	1	9	3	3	2			3
Local Diseases.	Diseases of the Nervous system	14	11	3	2									1	1	2	1	2			1		3				41
	Diseases of the Eye, Ear and Nose																											1
	Diseases of the Circulatory system															1	1		1	1			1					4
	Diseases of the Absorbent system and ductless glands																											
	Diseases of the Respiratory system	1	12	9	8	2	1								1	1	2		2	4	3	2	4	6	3			61
	Digestive system. Diarrhœa		1	1	3	1										2	2	1	1	2	1	2	4	2	1			21
	Digestive system. Dysentery															1	1		4				4		2			12
	Digestive system. All other diseases registered under Digestive system	1	1	2	2													4	2	3	1	1		1				18
	Diseases of the Urinary system																			1								1
	Diseases of the Generative system																											
	Diseases of the Organs of Locomotion and Cellular Tissue															1					1	1						3
	Diseases of the Cutaneous system		1																									1
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																											
	Old Age																									3	1	4
	Debility		8			1																						9
Accident and Violence.	Poisons																		1	1	1							3
	General Injuries																			1								1
	Local Injuries															1			1			1						3
	Drowning																											
Unspecified Causes				1														1										2
All Causes exclusive of Still-born		29	29	31	31	8	7	1	2		2	1		4	6	23	19	28	20	24	14	25	16	27	17	10	2	371
Cholera, Small-pox, and Measles			1	2	3	2	2	1	2		1					2	3											14
All other Causes		29	28	29	28	6	5				1	1		4	6	21	16	28	20	24	14	25	16	27	17	10	2	357

during the Year beginning 1st January 1887.



IV.

CAUSES of DEATH at different Ages among LINGAETS

		MALES.																										
		Days.	Months.		YEARS.																							All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
GENERAL DISEASES. A	Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fever. Remitteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fever. Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fever. Rague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Cholera	..	2	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	4
	All other diseases classed under Section A of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
B	Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	All other diseases classed under Section B of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LOCAL DISEASES.	Diseases of the Nervous system	2	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
	Digestive system. Diarrhœa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
	Digestive system. Dysentery	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Digestive system. All other diseases registered under Digestive system.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Debility	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Causes exclusive of Still-born		3	3	..	1	1	..	..	..	..	..	..	..	..	..	2	2	..	..	1	..	..	..	..	..	1	..	14
Cholera, Small-pox, and Measles		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All other Causes		3	3	..	1	1	..	..	..	..	..	..	..	..	..	2	2	..	..	1	..	..	..	..	..	1	..	14

during the Year beginning 1st January 1887.

FEMALES.

Days.		Months.	YEARS.																				All Ages.	Days.		Months.						
1 to 0	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7
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CAUSES of DEATH at different Ages among

MALES.

	Days.	Months.	YEARS.																							All Ages.
	1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
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t fever	1	1	4	2	1	1	..	1	1	..	..	..	..	..	1	1	1	1	2	1	3	3	5	5	1	1	34
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ases classed under Sec-																											
neral Diseases	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
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ases classed under Sec-																											
neral Diseases	..	..	1	..	..	..	..	1	1	1	..	..	..	2	2	4	1	2	2	2	2	3	1	..	..	..	22
e Nervous system	6	2	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	1	1	1	1	1	..	17
e Eye, Ear and Nose..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
e Circulatory system..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	4
he Absorbent system																											
glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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Diarrhœa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	1	1	..	..	..	1	..	..	6
Dysentery..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	2	..	..	..	4
All other diseases registered under Digestive system.	..	..	..	1	..	..	..	..	..	..	..	..	..	..	3	..	..	..	1	2	..	..	..	1	..	..	8
e Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	3
e Generative system ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
e Organs of Locomotion																											
r Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
e Cutaneous system..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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ies....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
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....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
usive of Still-born	9	9	10	12	2	3	..	2	3	1	..	..	..	3	8	7	4	7	6	10	8	10	13	15	5	2	149
ox, and Measles	..	..	..	3	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
....	9	9	10	9	2	3	..	2	2	1	..	..	..	3	8	7	4	7	6	10	8	10	13	15	5	2	145

BHATIAS during the Year beginning 1st January 1887.

FEMALES.

Days.			Months.			YEARS.																														All Ages.
1 to 6	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over										
	1		1																																	2
	1				1					1			1			1			1			2	1													9
	3		12		1		1						2	4			2			1	1	1	5	2												27
														1	1																					2
			2				1						1	9	6	4	1	4	4	3	2	5		2												44
	1										1								1			1		1												12
	2	3	2		1														1			5	7	1												22
		1															1				1	1	1													6
													1										1													2
	1													1																						2
													2	1			1		1																	5

CAUSES of DEATH at different Ages among HINDOOS OF

MALES.

		Days.	Months.	YEARS.																				All Ages.	Days.	Months.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over		1 to 30	1 to 6
GENERAL DISEASES.	Small-pox	..	..	2	5	1	1	3	1	..	1	..	..	1	..	4	10	2	1	1	..	..	1	..	..	..	..	34	1	11
	Measles	..	..	4	49	41	14	3	5	1	3	..	1	..	..	3	1	..	..	..	..	..	..	..	..	..	..	126	..	12
	A Fever. Enteric fever	..	2	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	2	..	..
	A Fever. Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	A Fever. Ague	..	..	5	37	30	19	11	6	..	1	2	1	1	7	5	20	25	18	16	20	10	18	6	17	6	6	2	315	2	3
	A Fever. Remittent fever	24	12	4	8	6	5	1	2	1	1	..	1	..	1	..	3	1	4	3	4	1	2	..	1	2	3	..	49	..	..
	Cholera	..	..	17	130	104	45	33	21	8	11	5	3	7	20	14	78	91	81	55	59	29	44	22	45	33	21	4	1114	10	17
	All other diseases classed under Section A of General Diseases	4	1	..	..	..	..	..	1	..	..	1	..	..	1	4	6	20	18	13	8	4	6	3	..	..	..	..	86	..	..
	B Leprosy	..	..	3	10	3	1	..	..	1	..	..	..	..	..	..	..	..	1	1	1	1	2	..	..	..	..	..	41	6	..
	B Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	B All other diseases classed under Section B of General Diseases	1	1	..	1	1	1	..	..	..	..	..	..	..	..	..	2	..	7	5	5	3	2	..	5	2	..	1	32	..	..
				..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3	2	..	1	2	..	2	2	..	..	16	..	..
LOCAL DISEASES	Diseases of the Nervous system	384	9	2	14	23	16	5	3	5	4	1	1	2	10	7	42	76	71	68	78	52	62	27	36	18	2	4	640	2	..
	Diseases of the Eye, Ear, and Nose	..	5	33	13	2	6	2	..	..	..	..	2	3	..	6	14	7	14	15	6	10	8	9	9	5	1	623	270	8
	Diseases of the Circulatory system	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	4	7	3	11	6	7	3	4	4	..	..	..	52	..	..
	Diseases of the Respiratory system	93	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Digestive system. Diarrhœa	3	5	140	89	34	17	7	4	2	3	1	5	5	6	18	33	49	32	50	25	42	19	64	57	55	13	954	78	72
	Digestive system. Dysentery	..	1	21	23	14	3	8	6	1	..	1	..	2	6	10	13	13	23	25	6	13	5	13	14	7	3	247	..	14
	Digestive system. All other diseases registered under Digestive system	6	..	9	12	11	4	4	2	1	2	2	1	..	1	11	18	9	12	20	9	9	7	18	7	4	1	175	..	1
	Diseases of the Urinary system	..	..	24	14	6	2	3	..	1	..	..	..	1	1	4	7	11	23	8	8	13	4	11	4	3	..	165	4	5
	Diseases of the Generative system	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	4	2	..	1	2	1	2	2	..	..	..	16	..	..
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Cutaneous system	..	..	1	..	1	..	1	1	..	..	1	..	..	..	2	3	2	..	2	..	3	2	3	..	2	..	..	24	1	2
				..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	2	..	..
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Debility	249	4	9	6	2	..	..	1	..	1	..	..	1	..	2	3	2	2	3	..	6	..	..	1	7	6	13	16	43	2	..
																													329	104	24
Accident and Violence.	Poisons	..	..	..	..	..	..	1	..	..	..	..	..	..	1	3	7	3	1	4	1	1	..	..	..	..	..	..	32	..	..
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	3	6	3	1	2	2	1	..	..	..	..	26	..	..
	Local Injuries	..	..	..	2	1	..	..	1	1	1	..	..	..	..	3	15	11	5	4	6	5	1	1	1	..	..	..	61	..	..
	Drowning	..	..	..	1	..	..	..	..	..	..	1	1	1	2	2	7	6	1	4	1	1	..	..	..	..	..	..	28	..	..
Unspecified Causes		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..
	All Causes exclusive of Still-born	746	43	286	369	176	90	64	32	28	14	14	20	58	49	228	353	333	294	328	171	251	114	241	167	121	45	5328	570	411
	Cholera, Small-pox, and Measles	..	..	54	42	15	7	6	1	5	..	1	..	2	4	13	31	20	14	9	4	6	4	..	..	..	..	..	245	1	23
	All other Causes	746	43	432	327	161	83	58	32	23	14	13	20	56	45	215	322	313	280	317	167	246	110	241	167	121	45	4983	569	388

OTHER CASTES during the Year beginning 1st January 1887.

FEMALES.

YEARS.

1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	All Ages.
4	3	1	1	..	1	1	..	2	4	2	5	1	1	..	1	..	..	..	..	..	..	..	45
40	23	15	7	4	2	2	2	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	149
..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2
61	22	10	11	4	3	1	1	2	2	6	13	14	15	10	14	8	13	3	16	4	14	2	385
7	3	..	..	3	2	1	2	..	2	3	7	4	2	..	4	..	2	2	..	1	1	1	54
113	51	31	22	6	14	7	3	10	10	16	53	69	47	31	40	19	27	10	46	36	24	17	975
..	..	..	1	..	1	..	1	1	..	4	7	9	8	4	2	3	2	1	2	1	..	..	47
2	3	1	1	..	..	..	..	..	..	1	13	10	9	6	3	..	..	..	..	..	..	..	71
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	2	..	..	..	..	..	..	1	2	1	1	4	..	3	3	1	1	2	1	1	2	25
33	16	12	4	4	6	5	1	6	16	33	82	99	99	47	62	28	42	24	47	21	11	1	716
7	3	1	1	1	1	1	..	..	..	2	7	7	3	1	3	3	4	3	5	8	5	3	446
1	..	..	..	..	..	..	2	..	..	..	..	1	2	..	2	..	..	..	..	..	..	..	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
46	18	12	5	4	3	1	..	7	3	19	19	20	9	28	6	24	8	59	103	70	36	35	865
3	28	6	3	1	1	2	1	4	2	4	9	11	16	11	7	3	5	3	11	6	18	6	213
14	15	4	8	..	1	1	..	2	..	..	8	3	6	4	9	3	6	2	6	5	4	2	106
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	8	5	..	2	2	..	..	..	1	1	2	7	3	3	3	2	2	1	1	1	1	..	91
1	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	2	24	19	15	12	4	2	..	..	..	1	..	..	79
1	..	1	..	..	..	1	..	..	2	1	1	1	1	2	..	..	3	..	..	2	..	1	20
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	3	1	2	..	..	..	..	..	..	..	..	2	3	5	1	2	1	..	..	..	..	..	249
..	1	..	..	..	..	..	..	..	..	..	2	5	1	..	1	..	..	..	..	..	..	..	10
1	2	1	..	..	..	..	1	1	..	..	..	1	2	1	1	..	2	..	3	..	..	..	10
1	1	..	..	..	..	..	..	..	1	2	4	3	4	1	1	..	1	2	3	..	..	..	24
23	223	109	73	30	38	28	12	30	56	88	256	260	203	148	186	86	137	62	216	208	133	88	4033
14	26	16	9	4	4	3	3	5	5	6	18	10	9	4	3	8	2	1	2	1	..	..	241
388	197	92	64	26	34	25	10	25	51	77	242	270	254	144	183	82	135	61	213	202	133	88	4392

Days.	Months.					
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6
1	43	11	5	4	4	2	..
..	16	87	81	37	15	12	5
..	..	..	..	..	..	..	..
4	66	84	91	41	21	17	4
..	7	6	13	6	1	2	4
34	261	255	317	96	64	43	14
..	1	..	..	..	1	1	..
10	28	14	5	4	1	1	1
..	..	..	..	..	..	..	..
..	..	1	1	2	2	..	..
3	20	21	56	32	17	7	9
634	175	69	20	5	6	3	1
..	..	..	1	1	..	..	..
..	..	..	1	..	..	..	..
171	158	265	176	80	35	19	9
3	28	42	48	37	9	11	7
..	2	18	26	24	8	12	2
10	14	51	24	16	7	3	2
..	..	..	1	1	..	..	1
..	..	..	..	..	..	..	..
1	2	2	1	1	1	1	1
..	..	1	..	..	..	..	..
2	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
443	66	17	8	5	1	2	1
..	..	..	..	..	..	..	..
..	1	..	1	..	1	1	1
..	..	..	3	3	1	..	..
..	..	..	2	1	..	..	1
1816	848	935	781	399	199	137	63
1	30	98	86	41	23	15	5
1315	818	837	695	358	176	122	58

PERSONS.

YEARS.

8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	All Ages.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	2	..	1	..	1	..	..	..	..	..	..	..	..	4
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CAUSES of DEATH at different Ages among HINDOO

MALES.

			Days.	Months.	YEARS.																					All Ages.
			1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
GENERAL DISEASES.	A	Fever.	Small-pox		1		1									2			1								4
			Measles		1	9	11	2			1				1												25
			Enteric fever																								
			Simple continued			7	15	14	5	3		1	1			1	3	5	6	5		1		2		1	2	1	70
			Ague			3	3		1																			7
			Remittent fever		10	29	30	9	7	7	2	1	4		1		4	3	11	8	9	6	3		6		2	1	2	1	155
		Cholera							1								4	2	1	11	7		1			1				24
		All other diseases classed under Section A of General Diseases		2	1		1		1																				5
	B	Leprosy														1			4	1	1				1				8
		Dropsy						1														1							2
		All other diseases classed under Section B of General Diseases			2	4	5	1	3	1			1				3	2	4	3	2	2	5	1	5	1	1		46
LOCAL DISEASES.		Diseases of the Nervous system		51	6	4	2				1						1	1	1	2									69
		Diseases of the Eye, Ear, and Nose																											
		Diseases of the Circulatory system																							1				1
		Diseases of the Absorbent system and ductless glands																											
		Diseases of the Respiratory system		25	17	24	18	8	3			3	2			4	4	5	4	2	9	10	2	14	3	5	8	6	3
		Digestive system	Diarrhœa		7	3	5	1	1	1	1					1		1	4	1	1	1			4	1	2	1	
			Dysentery		1		2	2		3							1	1		5	3	3		5	1	3	8		
			All other diseases registered under Digestive system																										29
		Diseases of the Urinary system			1	9	2		1				1						1	4	3		2	4		1			3
		Diseases of the Generative system																					1		1				
		Diseases of the Organs of Locomotion and Cellular Tissue			1	1							1								1	1							5
		Diseases of the Cutaneous system																		1									1
Conditions not necessarily associated with General or Local Diseases.		Premature Birth																											
		Old Age																							6	1	6	2	14
		Debility		49	18	3		1												1		1		1					74
Accident and Violence.		Poisons																			1	1							3
		General Injuries														1													1
		Local Injuries					1	1							2		2				2								8
		Drowning															1	2											3
Unspecified Causes				2																									2
All Causes exclusive of Still-born				189	95	105	69	31	21	7	4	9	4	2		18	14	32	41	47	30	29	7	37	5	29	18	17	7	712
Cholera, Small-pox, and Measles					2	9	11	3	1			1				1	2	1	13	7		2		1					54
All other Causes				189	93	96	58	28	20	7	4	8	4	2		12	12	31	28	40	30	27	7	37	5	28	18	17	7	738

II.

LOW-CASTES during the Year beginning 1st January 1887.

FEMALES.

Days.	Months.	YEARS.																								All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over.	
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	2
..	2	6	15	6	5	1	4	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	16	16	12	5	3	1	1	..	..	1	2	1	2	2	5	..	2	4	1	3	3	1	..	..	1	89
..	..	1	3	1	..	3	..	1	..	..	..	..	1	1	..	1	2	..	1	1	..	1	..	..	..	17
4	38	26	11	9	1	1	3	1	..	1	2	1	1	6	8	3	1	3	2	4	1	2	..	..	..	129
..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	3	2	..	..	..	1	..	..	..	..	..	9
..	2	1	2	1	..	..	..	..	..	..	..	..	..	2	2	..	..	1	..	..	..	..	..	..	..	11
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3
..	2	5	4	..	..	..	1	..	..	..	1	1	6	10	7	9	6	5	1	1	6	1	3	..	..	69
44	9	1	1	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1	..	2	1	..	..	62
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
44	13	12	15	7	4	..	1	..	..	1	..	..	3	9	8	5	5	6	4	..	4	6	3	2	..	128
1	2	4	9	1	1	..	1	..	1	1	..	1	1	2	2	..	2	..	2	1	5	..	1	..	..	38
..	..	2	4	1	..	2	..	..	..	..	..	1	2	1	2	..	1	1	3	..	..	..	..	..	..	20
1	..	9	..	..	..	..	..	1	1	..	..	..	2	1	1	..	1	..	..	..	..	..	..	..	..	17
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	1	..	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	1	1	1	..	..	..	..	..	..	..	..	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	6	..	2	12
39	7	1	3	1	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	..	..	54
..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2
113	89	84	80	33	14	9	14	4	2	3	4	7	5	33	50	33	20	27	19	20	7	25	16	18	5	728
..	2	..	6	15	6	6	1	5	1	1	..	1	..	3	4	2	..	..	..	1	..	..	..	..	..	53
110	87	78	65	27	9	8	9	3	1	3	4	6	5	30	46	31	20	27	19	20	6	25	16	18	5	675

PERSONS.

Days.	Months.	YEARS.																								All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	3	..	..	1	..	..	..	..	..	..	..	7
..	3	15	26	8	5	1	4	2	1	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	67
..	23	31	26	10	6	1	1	1	..	..	..	1	3	4	7	15	13	..	1	2	6	1	4	5	2	165
..	3	4	3	2	..	3	..	1	..	..	..	..	1	..	1	1	..	1	2	..	..	1	1	..	..	24
14	65	66	20	16	8	2	4	5	..	2	..	5	4	17	16	12	7	6	2	9	1	4	3	2	1	284
..	..	..	..	..	1	..	1	..	..	..	..	..	2	3	14	9	..	1	..	..	1	1	..	..	..	33
2	3	1	3	1	1	..	..	..	..	..	..	..	..	2	2	..	..	1	..	..	..	..	..	..	..	16
..	..	..	..	2	..	..	..	..	..	..	..	..	1	..	..	..	4	1	2	..	..	..	1	..	..	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	5
4	9	9	9	1	3	1	1	..	1	..	..	1	1	9	12	11	12	8	7	6	2	11	2	4	..	115
96	16	5	3	..	..	..	1	..	..	..	..	..	..	2	1	3	1	..	1	..	2	1	..	..	..	131
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2
46	30	36	33	15	7	..	1	8	2	..	1	4	4	8	13	10	14	16	7	28	3	9	14	9	5	307
1	9	7	14	2	2	1	2	..	1	1	..	2	..	2	6	3	1	3	..	2	1	9	1	3	1	74
..	1	2	6	3	..	5	..	..	..	..	..	1	1	3	1	7	3	4	1	8	1	8	3	..	..	53
1	1	1	18	2	..	1	..	1	1	1	..	..	..	2	2	5	3	1	2	4	..	1	..	..	..	46
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	3
..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	1	..	1	..	..	..	..	..	..	..	..	5
..	1	1	1	1	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	14
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	2	2	6	8	3	11	4	..	36
88	25	4	3	2	..	..	..	..	..	..	..	..	1	..	1	..	2	1	1	..	..	..	..	..	..	128
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	3
..	..	..	..	..	1	1	1	..	..	..	..	2	1	2	1	2	1	3	..	..	1	..	..	..	..	11
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
134	89	84	80	33	14	9	14	4	2	3	4	7	5	33	50	33	20	27	19	20	7	25	16	18	5	728
..	2	..	6	15	6	6	1	5	1	1	..	1	..	3	4	2	..	..	..	1	..	..	..	..	..	53
131	87	78	65	27	9	8	9	3	1	3	4	6	5	30	46	31	20	27	19	20	6	25	16	18	5	675

PERSONS.

Days.	Months.	YEARS.																								All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	3	..	..	1	..	..	..	..	..	..	..	7
..	3	15	26	8	5	1	4	2	1	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	67
..	23	31	26	10	6	1	1	1	..	..	..	1	3	4	7	15	13	..	1	2	6	1	4	5	2	165
..	3	4	3	2	..	3	..	1	..	..	..	..	1	..	1	1	..	1	2	..	..	1	1	..	..	24
14	65	66	20	16	8	2	4	5	..	2	..	5	4	17	16	12	7	6	2	9	1	4	3	2	1	284
..	..	..	..	..	1	..	1	..	..	..	..	..	2	3	14	9	..	1	..	..	1	1	..	..	..	33
2	3	1	3	1	1	..	..	..	..	..	..	..	..	2	2	..	..	1	..	..	..	..	..	..	..	16
..	..	..	..	2	..	..	..	..	..	..	..	..	1	..	..	..	4	1	2	..	..	..	1	..	..	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	5
4	9	9	9	1	3	1	1	..	1	..	..	1	1	9	12	11	12	8	7	6	2	11	2	4	..	115
96	16	5	3	..	..	..	1	..	..	..	..	..	..	2	1	3	1	..	1	..	2	1	..	..	..	131
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2
46	30	36	33	15	7	..	1	8	2	..	1	4	4	8	13	10	14	16	7	28	3	9	14	9	5	307
1	9	7	14	2	2	1	2	..	1	1	..	2	..	2	6	3	1	3	..	2	1	9	1	3	1	74
..	1	2	6	3	..	5	..	..	..	..	..	1	1	3	1	7	3	4	1	8	1	8	3	..	..	53
1	1	1	18	2	..	1	..	1	1	1	..	..	..	2	2	5	3	1	2	4	..	1	..	..	..	46
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	3
..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	1	..	1	..	..	..	..	..	..	..	..	5
..	1	1	1	1	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	14
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	2	2	6	8	3	11	4	..	36
88	25	4	3	2	..	..	..	..	..	..	..	..	1	..	1	..	2	1	1	..	..	..	..	..	..	128
..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	3
..	..	..	..	..	1	1	1	..	..	..	..	2	1	2	1	2	1	3	..	..	1	..	..	..	..	11
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
134	89	84	80	33	14	9	14	4	2	3	4	7	5	33	50	33	20	27	19	20	7	25	16	18	5	728
..	2	..	6	15	6	6	1	5	1	1	..	1	..	3	4	2	..	..	..	1	..	..	..	..	..	53
131	87	78	65	27	9	8	9	3	1	3	4	6	5	30	46	31	20	27	19	20	6	25	16	18	5	675

CAUSES of DEATH at different Ages among MUSSULMANS

MALES.

		Days.	Months.	YEARS.																						All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 & ovr	
General Diseases.	Small-pox	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	4
	Measles	..	1	8	18	12	..	..	4	2	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	47
	A Fever: Endemic fever	2	24	17	15	7	2	3	5	1	3	..	2	1	3	5	4	11	5	8	6	2	5	6	6	4	2	160
	A Fever: Simple continued	..	2	3	3	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	12
	A Fever: Agueo	11	72	81	50	19	7	7	3	5	3	3	4	4	6	25	27	19	17	34	17	34	10	22	10	13	16	518
	A Fever: Remittent fever	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	8	4	6	..	1	..	1	1	3	..	..	..	25
	Cholera	..	..	2	..	1	..	1	..	1	..	..	..	..	..	1	1	1	1	1	..	..	1	..	1	..	..	12
	All other diseases classed under Section A of General Diseases	..	2	6	12	14	6	6	2	6	4	..	4	1	4	23	48	46	42	54	35	39	20	45	8	9	3	439
	B Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	1	2	1	2	..	..	..	10
	B Dropsy	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	3	..	1	..	2	..	2	..	10
	B All other diseases classed under Section B of General Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Local Diseases.	Diseases of the Nervous system	93	48	12	3	2	1	..	..	..	..	..	..	2	3	4	6	6	4	3	5	2	..	3	4	3	2	208
	Diseases of the Eye, Ear, and Nose	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
	Diseases of the Circulatory system	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	3	2	2	3	2	3	..	1	1	..	..	10
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	14	61	86	61	21	10	4	5	2	..	1	2	3	2	19	15	24	26	27	12	32	8	44	45	33	19	..
	Digestive system: Diarrhœa	1	11	10	8	3	2	3	1	..	1	..	..	2	..	2	8	6	12	20	9	9	6	17	8	6	7	61
	Digestive system: Dysentery	..	..	1	3	3	1	..	..	..	1	..	1	..	..	2	5	4	6	7	3	2	2	4	4	2	..	
	Digestive system: All other diseases registered under Digestive system	..	2	7	2	..	..	..	..	..	..	..	..	..	..	3	5	5	8	7	5	4	2	2	3	2	1	58
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	2	1	2	2	1	1	..	..	..	11
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	1	..	..	4
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	4	..	3	1	1	1	..	..	..	12
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	2	6	12	23
	Debility	91	13	3	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1	1	2	2	..	..	..	..	..	116
Accident and Violence.	Poisons	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	3	..	..	1	1	..	..	..	..	..	..	7
	General Injuries	..	..	..	..	3	..	..	..	..	..	..	..	..	..	4	3	3	1	3	1	1	1	..	..	..	..	17
	Local Injuries	..	..	1	..	..	..	..	..	..	2	..	..	..	..	3	3	..	1	3	1	..	3	2	2	..	..	18
	Drowning	..	..	..	1	..	..	..	..	..	..	..	..	..	1	2	2	..	1	..	..	..	..	..	1	..	..	7
Unspecified Causes		..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2
All Causes exclusive of Still-born		215	236	238	176	88	32	27	21	19	16	6	13	15	20	88	147	132	136	184	104	128	61	101	105	84	63	1610
Cholera, Small-pox, and Measles		..	1	8	18	13	..	1	4	2	1	..	..	1	..	1	11	4	5	1	1	..	1	5	..	..	..	24
All other Causes		215	235	230	158	70	32	26	17	17	15	6	13	14	20	87	136	128	131	183	103	128	60	168	105	84	63	1586

III.

during the Year beginning 1st January 1887.

FEMALES.

Days.	Months.	YEARS.																								All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
..	..	2	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	4
..	2	8	17	11	2	2	1	1	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	46
1	12	21	23	12	4	3	2	..	1	..	1	1	5	12	9	12	5	7	2	6	3	10	7	7	2	168
..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	4
14	57	67	41	21	13	8	1	1	3	4	2	5	10	30	27	18	16	18	5	8	4	14	12	16	7	421
..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	1	1	1	1	..	..	..	..	..	..	..	..	8
..	2	..	1	..	..	..	..	..	..	..	..	..	1	18	8	12	1	2	..	..	..	..	..	..	..	..	46
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	1	1	4	1	2	..	2	..	1	..	..	1	..	..	..	13
..	2	12	13	10	6	11	6	5	6	1	7	30	37	130	107	100	48	79	15	43	14	42	8	12	2	746
70	20	17	6	1	..	1	..	..	..	..	..	1	..	2	3	4	2	2	1	2	..	..	2	4	1	140
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
8	46	57	84	19	14	8	4	3	4	4	8	7	20	33	25	9	24	10	14	6	28	21	58	24	8	548
..	13	7	7	5	6	1	1	1	..	..	..	2	5	5	4	2	5	1	6	1	6	5	9	..	3	99
..	..	2	3	1	..	1	..	2	..	..	1	2	..	1	2	2	2	3	..	2	..	1	3	..	..	28
1	2	5	1	..	..	..	..	..	..	..	..	..	2	1	4	..	1	1	..	2	1	4	..	..	..	26
..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3
60	11	3	3	..	..	..	..	..	..	..	..	..	1	4	..	..	..	..	..	3	..	..	4	2	9	18	33
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	3
..	..	..	..	1	..	..	1	..	1	..	1	1	2	2	2	1	..	1	..	1	2	1	..	..	..	..	18
..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
68	167	199	200	81	47	33	16	15	15	9	17	46	67	243	216	203	98	166	39	91	30	117	72	114	62	2506
152	2	8	18	11	3	2	1	1	1	..	1	6	7	9	2	1	2	1	1	1	..	..	..	..	..	..	58
152	168	191	182	70	43	31	15	14	14	9	17	46	67	241	216	202	94	165	38	90	30	117	72	114	62	2448

PERSONS.

Days.	Months.	YEARS.																								All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
..	..	2	1	2	1	2	2	2	1	2	2	6	2	9	11	8	1	2	..	..	1	..	..	..	..	79
..	2	8	17	11	2	2	1	1	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	46
1	12	21	23	12	4	3	2	..	1	..	1	1	5	12	9	12	5	7	2	6	3	10	7	7	2	168
..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	4
14	57	67	41	21	13	8	1	1	3	4	2	5	10	30	27	18	16	18	5	8	4	14	12	16	7	421
..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	1	1	1	1	..	..	..	..	..	..	..	..	8
..	2	..	1	..	..	..	..	..	..	..	..	..	1	18	8	12	1	2	..	..	..	..	..	..	..	..	46
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	1	4	1	2	..	2	..	1	..	..	1	..	..	..	13
..	2	12	13	10	6	11	6	5	6	1	7	30	37	130	107	100	48	79	15	43	14	42	8	12	2	746
70	20	17	6	1	..	1	..	..	..	..	..	1	..	2	3	4	2	2	1	2	..	..	2	4	1	140
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
8	46	57	84	19	14	8	4	3	4	4	8	7	20	33	25	9	24	10	14	6	28	21	58	24	8	548
..	13	7	7	5	6	1	1	1	..	..	..	2	5	5	4	2	5	1	6	1	6	5	9	..	3	99
..	..	2	3	1	..	1	..	2	..	..	1	2	..	1	2	2	2	3	..	2	..	1	3	..	..	28
1	2	5	1	..	..	..	..	..	..	..	..	..	2	1	4	..	1	1	..	2	1	4	..	..	..	26
..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3
60	11	3	3	..	..	..	..	..	..	..	..	..	1	4	..	..	..	..	..	3	..	..	4	2	9	18	33
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	3
..	..	..	..	1	..	..	1	..	1	..	1	1	2	2	2	1	..	1	..	1	2	1	..	..	..	..	18
..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
68	167	199	200	81	47	33	16	15	15	9	17	46	67	243	216	203	98	166	39	91	30	117	72	114	62	2506
152	2	8	18	11	3	2	1	1	1	..	1	6	7	9	2	1	2	1	1	1	..	..	..	..	..	..	58
152	168	191	182	70	43	31	15	14	14	9	17	46	67	241	216	202	94	165	38	90	30	117	72	114	62	2448

Days.	Months.	YEARS.																								All Ages.
1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	79
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	44
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	107
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	577
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	84
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	71
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	62
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
68	167	199	200	81	47	33	16	15	15	9	17	46	67	243	216	203	98	166	39	91	30	117	72	114	62	2506	387	402	437	370	164	79	60	37	26	42	27	50	114	182	483	633	698	442	512	256	388	176	456	370	304	133	9801
152	2	8	18	11	3	2	1	1	1	..	1	6	7	9	2	1	2	1	1	1	..	..	..	..	..	..	58	..	3	18	36	24	3	8	5	9	3	4	6	7	10	26	41	29	18	12	7	8	6	2	1	..	..	486
152	168	191	182	70	43	31	15	14	14	9	17	46	67	241	216	202	94	165	38	90	30	117	72	114	62	2448	387	402	421	340	140	76	57	32	23	38	24	46	108	176	442	592	667	424	500	249	380	171	454	368	304	133	9375

CAUSES of DEATH at different Ages among PARSEES

MALES.

		Days.	Months.	YEARS.																						All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 and over	
GENERAL DISEASES.	Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles	..	3	5	7	4	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
A	Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Simple continued	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Remittent fever	2	12	16	19	4	6	..	..	1	..	..	..	..	2	2	2	3	2	5	..	2	3	4	6	5	3	99
	Cholera	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	3	..	1	1	..	1	..	1	..	..	..	8
	All other diseases classed under Section A of General Diseases	..	1	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	6
	Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	2
	Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	2
B	All other diseases classed under Section B of General Diseases	..	1	..	1	1	..	1	..	1	..	..	1	..	..	1	3	2	3	3	3	3	..	3	5	5	..	37
LOCAL DISEASES.	Diseases of the Nervous system	8	7	15	5	1	..	..	1	..	..	..	1	..	..	..	..	..	..	1	3	4	9	9	10	5	..	79
	Diseases of the Eye, Ear and Nose	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2
	Diseases of the Circulatory system	..	..	..	1	..	..	..	..	..	..	..	..	..	1	1	1	1	1	1	3	2	4	..	4	4	..	24
	Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diseases of the Respiratory system	2	5	12	11	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	3	3	..	3	3	..	45
	Digestive system. Diarrhœa	2	7	2	3	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2	3	2	3	2	1	35
	Digestive system. Dysentery	..	2	3	5	1	2	..	..	..	..	..	1	..	..	..	1	..	1	2	2	..	..	5	8	6	1	40
	Digestive system. All other diseases registered under Digestive system	2	..	5	6	1	3	..	..	..	1	..	..	..	1	..	3	1	4	2	2	4	2	5	7	3	..	52
	Diseases of the Urinary system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	3	..	3	1	..	9
	Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	3
	Diseases of the Organs of Locomotion and Cellular Tissue	..	..	..	..	..	..	1	..	..	..	..	..	..	1	1	1	1	..	..	..	..	1	..	..	..	..	6
	Diseases of the Cutaneous system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	5	5	12
	Debility	21	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	24
Accident and Violence.	Poisons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	..	1	1	..	1	..	..	..	..	8
	General Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Local Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
	Drowning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	3
Unspecified Causes	.. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
A	Causes exclusive of Still-born	39	29	61	65	14	14	3	2	3	1	..	2	1	4	5	18	12	17	16	17	24	30	31	51	39	10	52
B	Cholera, Small-pox and Measles	..	3	5	7	4	2	1	1	..	..	..	..	..	..	..	3	..	1	1	..	1	..	1	..	..	..	30
C	Other Causes	39	36	56	58	10	12	2	1	3	1	..	2	1	4	5	15	12	16	15	17	23	30	30	54	39	10	401
A																												

X

during the Year beginning 1st January 1887.

| FEMALES. | | |

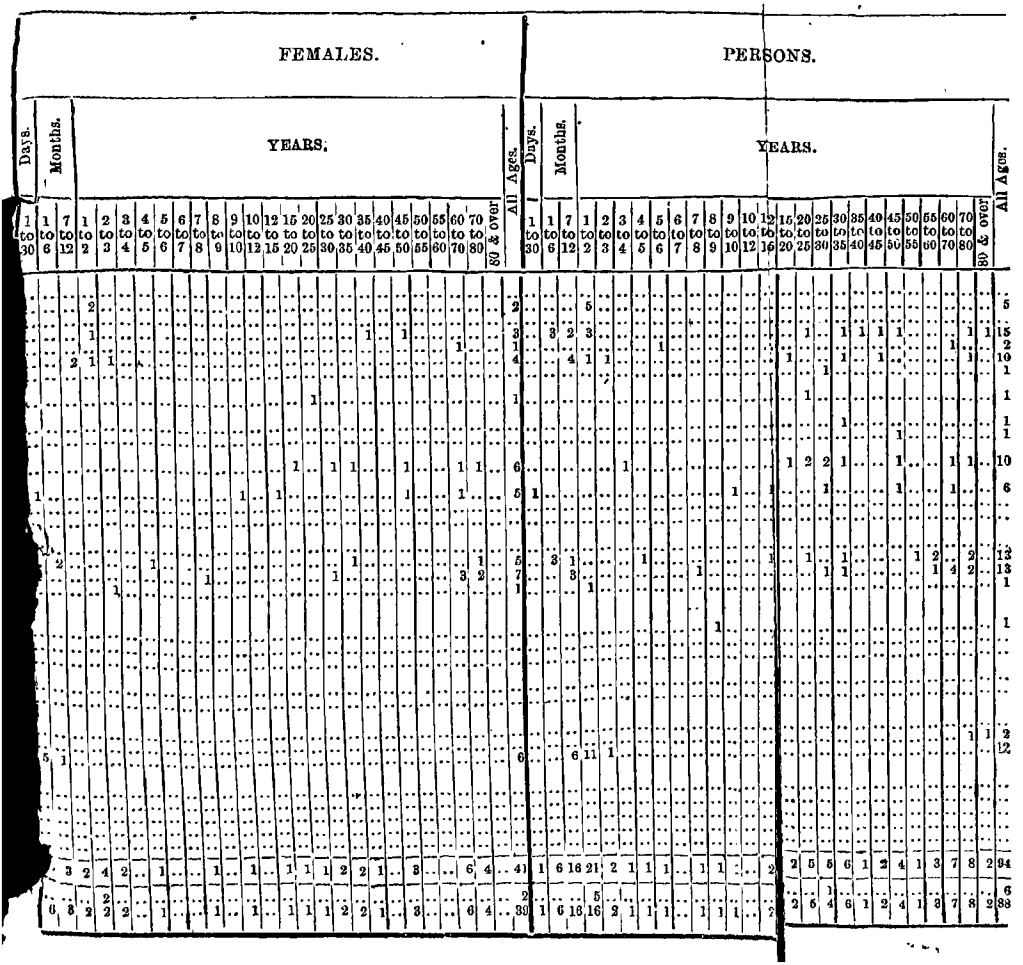
X.

CAUSES of DEATH at different Ages among JEWS

MALES.

| | | | Days. | Months. | YEARS. | | |

during the Year beginning 1st January 1887.



X

CAUSES of DEATH at different Ages among NATIVE

MALES.

| | | Days. | Months. | YEARS. | | |

I.

CHRISTIANS during the Year beginning 1st January 1887.

| FEMALES. | | |

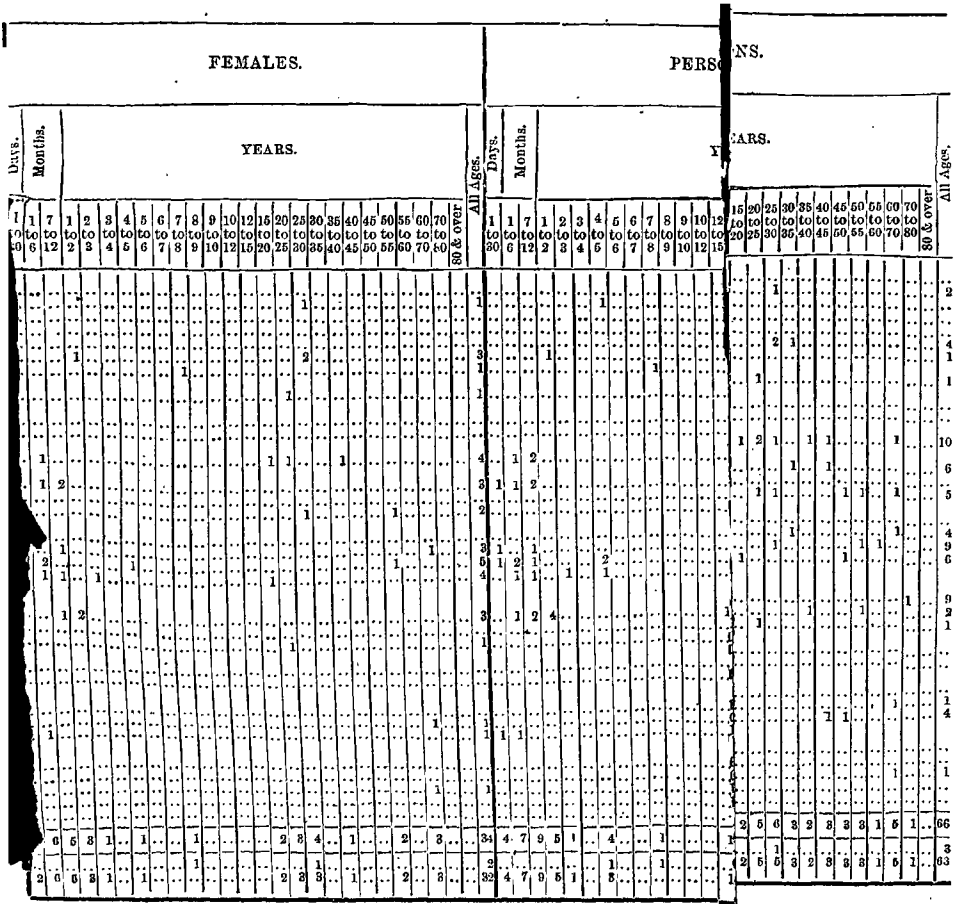
X

CAUSES of DEATH at different Ages among EURASIANS

		MALES.																									
		Days.	Months.		YEARS.																						All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 & over
GENERAL DISEASES. A	Small-pox																										
	Measles							1																			
	Fever. Enteric fever																										
	Fever. Simple continued																										
	Fever. Ague																										
	Fever. Remittent fever																		1								
	Cholera																										
	All other diseases classed under Section A of General Diseases																										
GENERAL DISEASES. B	Leprosy																										
	Dropsy																										
	All other diseases classed under Section B of General Diseases			2													1	1			1				1		
LOCAL DISEASES.	Diseases of the Nervous system	1																	1		1						
	Diseases of the Eye, Ear and Nose																										
	Diseases of the Circulatory system																1					1			1		
	Diseases of the Absorbent system and ductless glands																										
	Diseases of the Respiratory system																		1								
	Digestive system. Diarrhœa			1				1										1						1			
	Digestive system. Dysentery							1														1					
	Digestive system. All other diseases registered under Digestive system		1	1	2										1											1	
	Diseases of the Urinary system																										
	Diseases of the Generative system																			1			1				
	Diseases of the Organs of Locomotion and Cellular Tissue																										
	Diseases of the Cutaneous system																										
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																										
	Old Age																										
	Debility	1																			1	1					
Accident and Violence.	Poisons																										
	General Injuries																										
	Local Injuries																										
	Drowning																										
Unspecified Causes	....																										
	All Causes exclusive of Still-born	2	1	4	2			3							1		2	2	3	1	3	3	1	1	2	1	
	Cholera, Small-pox, and Measles							1																			
	All other Causes	2	1	4	2			2							1		2	2	3	1	3	3	1	1	2		

II.

during the Year beginning 1st January 1887.



XI

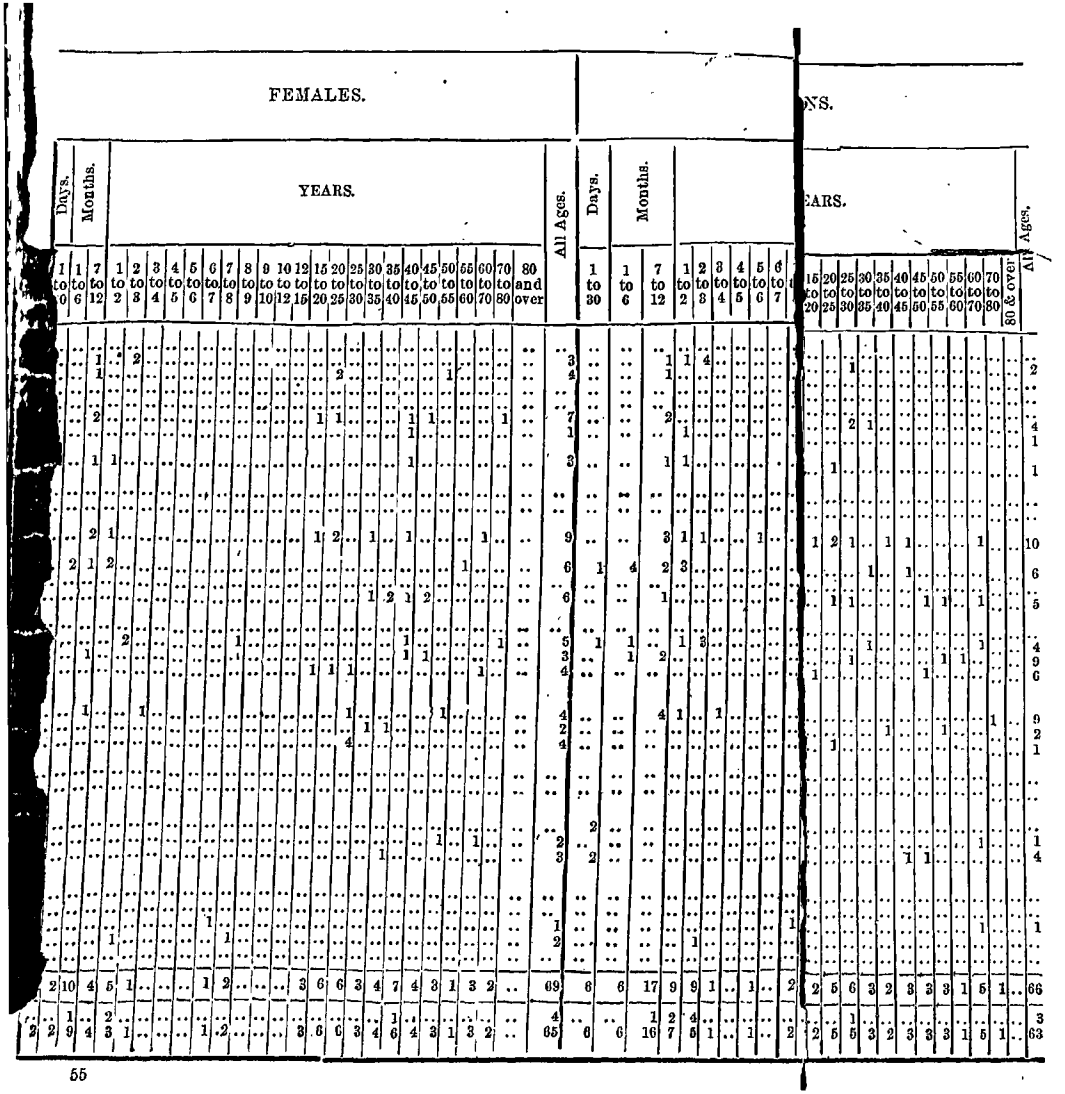
CAUSES of DEATH at different Ages among EUROPEANS

MALES.

		Days.	Months.	YEARS.																					
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 & over	All Ages
GENERAL DISEASES.	Small-pox																1										
	Measles				1	2																					
	A. Fever, Enteric fever														1		3		2	2							
	Fever, Simple continued																1										
	Fever, Ague																1										
	Fever, Remittent fever										1							1	2		1		1		1		
	Cholera				1														2								
	All other diseases classed under Section A of General Diseases																			1							
	B. Leprosy																										
	B. Dropsy																										
	B. All other diseases classed under Section B of General Diseases			1		1			1							2	1			1	1		1				
LOCAL DISEASES.	Diseases of the Nervous system	1	2	1	1											1	1		1	2	1	3					
	Diseases of the Eye, Ear, and Nose																										
	Diseases of the Circulatory system			1													1		1		1	1		2			
	Diseases of the Absorbent system and ductless glands																										
	Diseases of the Respiratory system	1	1		1	1											1		1			2	1	1			
	Digestive system, Diarrhœa		1	1															1			1		1			
	Digestive system, Dysentery																										
	Digestive system, All other diseases registered under Digestive system			3	1											2		1		2							
	Diseases of the Urinary system															2		4	2	1	1	5	3	1			
	Diseases of the Generative system															2						1					
	Diseases of the Organs of Locomotion and Cellular Tissue																										
	Diseases of the Cutaneous system																					1					
Conditions not necessarily associated with General or Local Diseases.	Premature Birth	2																									
	Old Age																						1				
	Debility																										
Accident and Violence.	Poisons																										
	General Injuries																										
	Local Injuries																	1									
	Drowning																	1	2								
Unspecified Causes																2		1	2								
	All Causes exclusive of Still-born	4	4	7	5	4			1		1				1	9	9	9	14	8	5	15	6	8	1	1	
	Cholera, Small-pox, and Measles				2	2												1	2								
	All other Causes	4	4	7	3	2			1		1				1	9	9	8	12	8	5	15	6	8	1	1	104

II.

during the Year beginning 1st January 1887.



XI

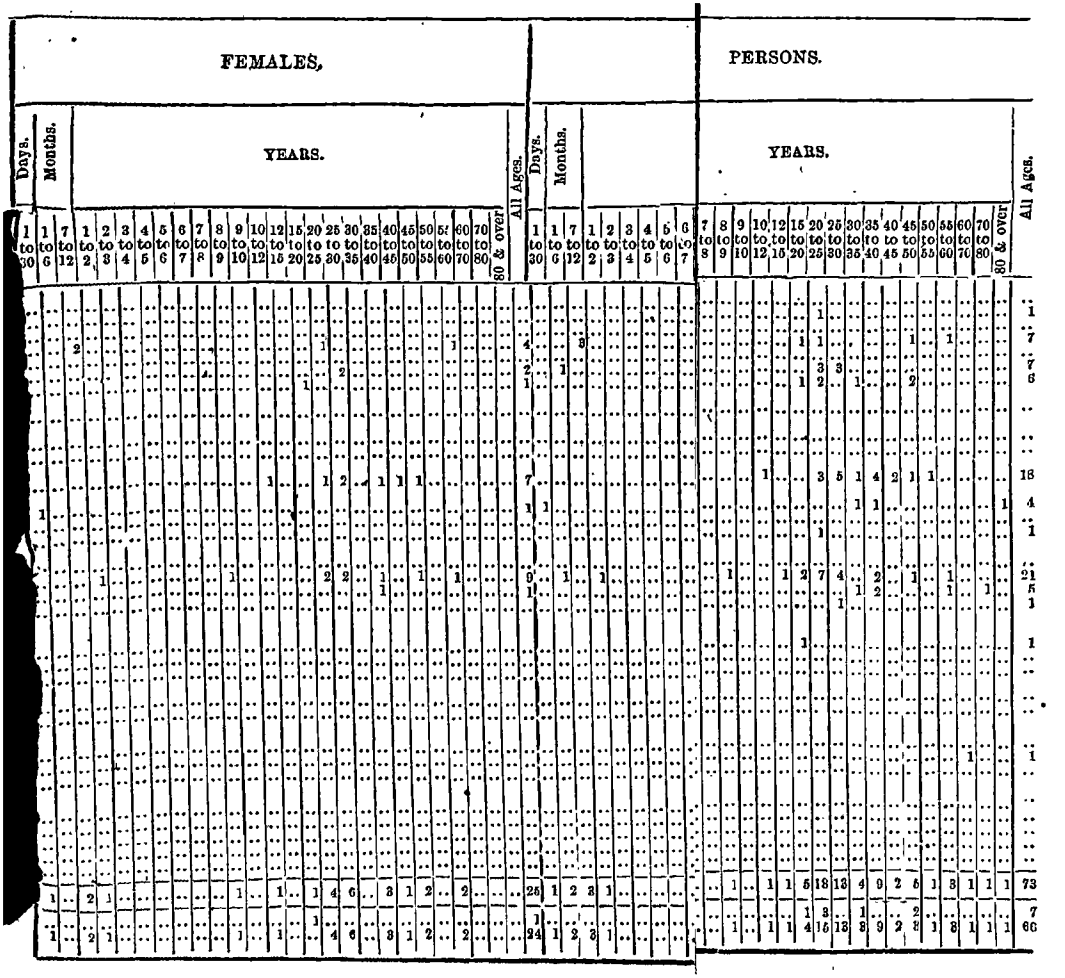
CAUSES of DEATH at different Ages among NEGRO

MALES.

		Days.	Months.		YEARS.																							All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 & over	
GENERAL DISEASES. A	Small-pox																											
	Measles																1											
	Fever: Enteric fever																											
	Fever: Simple continued			1														1				1						
	Fever: Ague																											
	Fever: Remittent fever		1														3	1										
	Cholera																2		1			2						
	All other diseases classed under Section A of General Diseases																											
B	Leprosy																											
	Dropsy																											
	All other diseases classed under Section B of General Diseases																2	3	1	3	1		1					1
LOCAL DISEASES.	Diseases of the Nervous system																		1	1							1	
	Diseases of the Eye, Ear, and Nose																											
	Diseases of the Circulatory system																1											
	Diseases of the Absorbent system and ductless glands																											
	Diseases of the Respiratory system		1												1	2	5	2		1								
	Digestive System: Diarrhœa																		1	1				1		1		
	Digestive System: Dysentery																	1										
	Digestive System: All other diseases registered under Digestive system															1												
	Diseases of the Urinary system																											
	Diseases of the Generative system																											
	Diseases of the Organs of Locomotion and Cellular Tissue																											
	Diseases of the Cutaneous system																											
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																											
	Old Age																									1		
	Debility																											
Accident and Violence.	Poisons																											
	General Injuries																											
	Local Injuries																											
	Drowning																											
Unspecified Causes																												
	All Causes exclusive of Still-born		2	1												1	3	14	8	4	6	1	3	1	1	1	1	1
	Cholera, Small-pox, and Measles																	3		1			2					
	All other Causes		2	1												1	3	11	8	3	6	1	1	1	1	1	1	42

V.

AFRICANS during the Year beginning 1st January 1887.



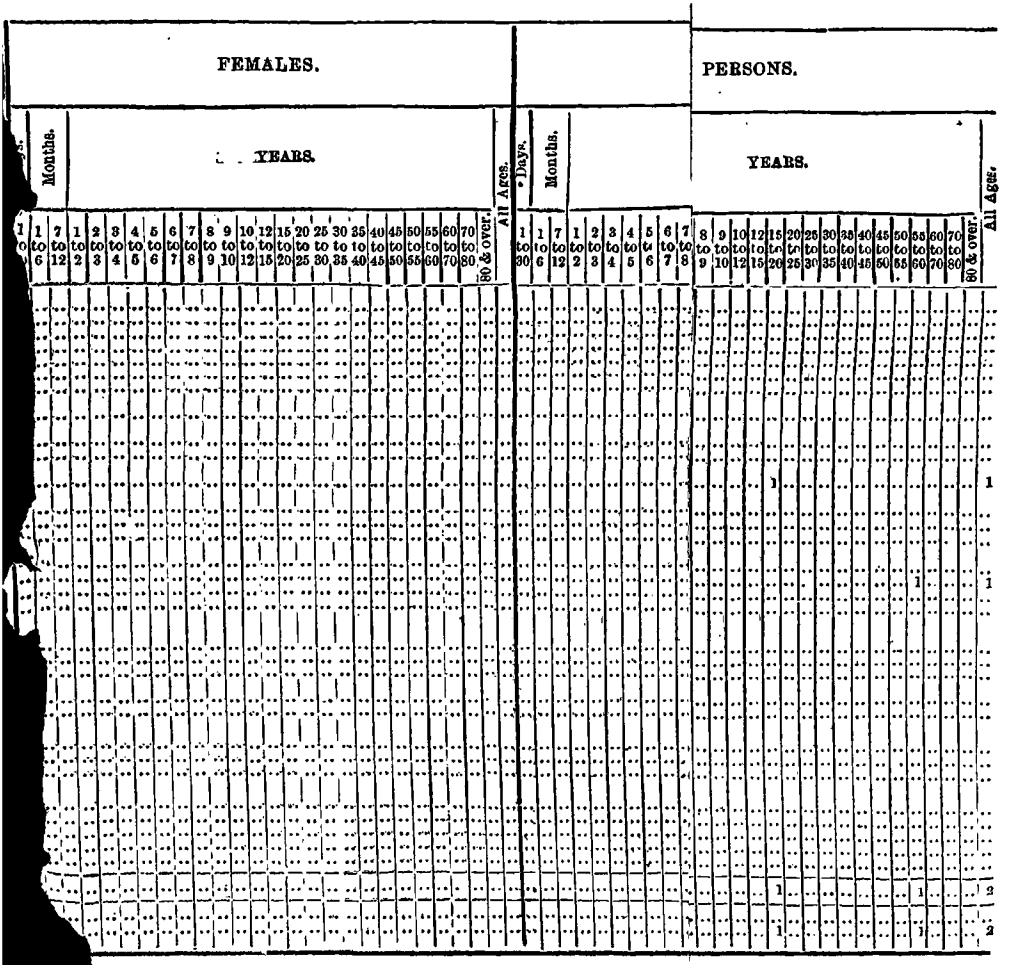
XV.

CAUSES of DEATH at different Ages among

MALES.

		Days.	Months.	YEARS.																					All Ages.
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	80 & over	
GENERAL DISEASES.	A. Fever. Small-pox																										
	A. Fever. Measles																										
	A. Fever. Enteric fever																										
	A. Fever. Simple continued																										
	A. Fever. Ague																										
	A. Fever. Remittent fever																										
	A. Cholera																										
	A. All other diseases classed under Section A of General Diseases																										
	B. Leprosy																										
	B. Dropsy																										
	B. All other diseases classed under Section B of General Diseases														1												
LOCAL DISEASES.	Diseases of the Nervous system																										
	Diseases of the Eye, Ear and Nose																										
	Diseases of the Circulatory system																										
	Diseases of the Absorbent system and ductless glands																										
	Diseases of the Respiratory system																							1			
	Digestive system. Diarrhœa																										
	Digestive system. Dysentery																										
	Digestive system. All other diseases registered under Digestive system																										
	Diseases of the Urinary system																										
	Diseases of the Generative system																										
	Diseases of the Organs of Locomotion and Cellular Tissue																										
	Diseases of the Cutaneous system																										
Conditions not necessarily associated with General or Local Diseases.	Premature Birth																										
	Old Age																										
	Debility																										
Accident and Violence.	Poisons																										
	General Injuries																										
	Local Injuries																										
	Drowning																										
Unspecified Causes																											
All Causes exclusive of Still-born															1								1				
Cholera, Small-pox, and Measles																											
All other Causes															1								1				

CHINESE during the Year beginning 1st January 1887.



CAUSES of DEATH at different Ages among OTHER

MALES.

| | | | Days. | Months | YEARS. | | |

VI.

UNKNOWN CASTES during the Year beginning 1st January 1887.

| FEMALES. | | |

XV

CAUSES of DEATH at different Ages among

MALES.

		Days.	Months.	YEARS.														
		1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	m.
GENERAL DISEASES.	A Fever.	Small-pox	..	4	5	2	4	3	1	..	1	1	..	..	1	..	7	15	3
		Measles	..	12	75	92	40	6	8	8	6	1	1	1	2	..	4	4	.
		Enteric fever	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	4	
		Simple continued	4	58	74	63	31	18	10	6	3	5	1	3	9	11	39	39	3
		Ague	..	11	11	10	7	1	4	2	3	..	1	..	2	..	3	4	
		Remittent fever	58	273	301	206	88	60	31	15	24	12	7	11	34	34	141	152	13
		Cholera	..	1	..	1	1	5	1	..	2	1	..	..	3	7	11	56	35
		All other diseases classed under Section A of General Diseases	6	18	17	8	4	1	1	1	1	..	..	..	..	..	1	1	2
	B	Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	1	
		Dropsy	..	..	1	2	2	..	..	1	..	..	..	..	..	2	1	4	
		All other diseases classed under Section B of General Diseases	2	17	31	44	34	18	12	10	13	8	2	7	12	15	31	157	140
LOCAL DISEASES.		Diseases of the Nervous system	572	197	73	30	6	6	2	2	1	..	..	3	5	7	15	32	1
		Diseases of the Eye, Ear, and Nose	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	
		Diseases of the Circulatory system	..	..	1	1	..	..	..	..	1	1	..	..	..	2	3	13	
		Diseases of the Absorbent system and ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Diseases of the Respiratory system	138	213	239	212	72	33	12	9	10	6	2	7	14	15	56	65	8
		Digestive system. Diarrhœa	6	45	47	56	22	7	15	10	1	1	2	..	6	7	15	33	20
		Digestive system. Dysentery	..	4	16	23	18	8	9	2	1	3	3	2	1	2	17	25	21
		Digestive system. All other diseases registered under Digestive system	10	14	51	34	10	6	3	..	1	2	1	..	1	3	13	18	31
		Diseases of the Urinary system	..	..	..	..	..	..	..	1	1	..	..	..	..	2	2	2	6
		Diseases of the Generative system	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Diseases of the Organs of Locomotion and Cellular Tissue	..	2	2	..	1	..	2	1	..	..	3	..	1	..	4	4	
		Diseases of the Cutaneous system	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Conditions not necessarily associated with General or Local Diseases.		Premature Birth	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Old Age	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
		Debility	453	77	16	8	3	..	..	1	..	1	1	..	1	1	2	4	
Accident and Violence.		Poisons	..	..	..	..	..	1	1	..	..	..	..	..	..	1	0	13	
		General Injuries	..	1	..	..	..	4	1	1	..	..	..	..	..	..	1	8	
		Local Injuries	..	..	1	2	2	1	..	..	..	2	1	1	6	1	7	10	1
		Drowning	..	..	..	2	..	..	..	1	..	..	1	1	2	3	6	13	11
Unspecified Causes			5	..	2	..	..	..	..	..	..	..	..	..	1	..	..	..	2
All Causes exclusive of Still-born			1267	947	1023	798	346	178	113	71	69	45	26	36	101	113	440	683	622
Cholera, Small-pox, and Measles			..	17	80	95	45	14	10	8	9	3	1	1	6	7	22	75	38
All other Causes			1267	930	943	703	301	164	103	63	60	12	25	35	95	106	418	608	584

RACES and CASTES during the Year beginning 1st January 1887.

FEMALES.

| Years | | |

DEATHS from different CAUSES in different Mon

		MALES.																			
		1ST QUARTER.				2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				1ST QUARTER.			
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	January.	February.	March.	
GENERAL DISEASES.	....	2	1	8	11	10	3	10	23	8	1	2	11	1	2	4	7	2	1	10	
	.. ..	24	31	51	106	57	53	19	129	6	4	3	13	4	2	6	12	26	38	51	
	Small-pox	..	..	2	2	1	1	..	2	1	2	3	6	2	..	..	2	1	..	1	
	Measles	54	57	49	160	37	44	37	118	31	66	53	150	62	60	37	159	51	60	58	
	Enteric	2	6	9	17	5	7	7	19	10	10	9	29	9	7	9	25	5	5	3	
	Simple continued fever	167	179	185	531	163	211	178	552	202	202	186	590	184	191	221	596	143	127	152	
	Ague	..	..	2	2	3	..	3	6	28	75	38	141	27	9	2	38	..	1	..	
A	Remittent																				
	Cholera	diseases classed																			
	All other	ection A of Gen-																			
	under S	eases	1	4	8	13	8	7	5	20	8	6	6	20	7	4	9	20	8	8	11	
	eral Dis	.. ..	7	7	4	18	7	1	6	14	1	7	3	11	5	5	5	15	2	2	..	
		.. ..	2	2	3	7	..	3	2	5	4	2	4	10	9	1	5	15	3	2	4	
	Leprosy	diseases classed																			
	Dropsy	ction B of General																			
B	All other	....	135	102	118	355	107	113	87	307	94	111	122	327	133	114	121	368	169	125	130	
	under Sc																				
	Diseases	of the Nervous																			
	.. ..	86	73	87	246	92	104	93	289	98	127	112	337	109	100	74	283	54	42	58	
LOCAL DISEASES.	Diseases	of the Eye, Ear,																			
	system	.. ..	..	1	..	1	..	1	..	1	..	..	1	1	..	..	1	1	..	..	..
	Diseases	f the Circulatory																			
	and Nos	.. ..	6	12	10	28	14	17	8	39	13	9	6	28	4	12	17	33	6	6		
	Diseases	of the Absorbent																			
	system	nd ductless glands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Diseases	of the Respiratory																			
	system	.. ..	207	180	191	578	157	149	152	458	164	211	166	541	172	138	167	477	153	166	1	
	Diseases	Diarhœa	60	52	31	143	55	41	38	134	37	83	63	183	40	56	40	136	45	40		
	system	Dysentery	46	27	36	109	27	26	20	73	24	27	36	87	27	13	35	75	28	24	20	
		All other dis-																			
		eases register-																			
	Digestive	ed under Di-																			
	system.	gestive system	35	37	44	116	27	30	24	81	37	35	28	100	27	28	37	92	13	17	17	
		the Urinary																			
	.. ..	7	4	4	15	4	3	2	9	3	3	7	13	2	11	2	15	1	..	2	
	Diseases	f the Generative																			
	system	.. ..	..	..	..	..	1	1	..	2	2	..	2	4	1	..	..	1	14	16	9	
	Diseases	of the Organs of																			
	system	ction and Cellular																			
	Diseases	.. ..	9	4	5	18	1	6	4	11	4	5	6	15	3	2	4	9	5	1	3	
	Locomo	of the Cutaneous																			
	Tissue	.. ..	1	..	..	1	1	1	2	4	1	..	2	3	..	2	1	3	..	..		
	Diseases																				
	system	....	43	44	62	149	43	52	47	142	61	83	67	211	77	48	46	171	42	38	48	
		e Birth ..	..	..	1	1	..	2	1	3	2	1	..	3	2	1	1	4	1	1	1	
Conditions not necessarily associated with General Diseases.	Still-born	.. ..	12	9	13	34	5	10	7	22	10	7	8	25	12	7	10	29	13	25	1	
	Premature	.. ..	42	40	45	127	32	48	45	126	52	64	56	172	50	54	67	171	48	29	35	
	Old Age																				
	Debility	.. ..	4	2	3	9	3	3	8	14	6	5	4	15	5	5	2	12	1	1	..	
		jurics	6	5	5	16	6	3	..	9	1	3	2	6	7	4	6	17	2	3	5	
Accident and Violence.	Poisons	ries	11	7	5	23	16	18	7	41	4	6	5	15	13	8	4	25	4	8	5	
	General I	....	2	5	2	9	3	3	4	10	3	5	7	15	5	6	3	14	..	1	3	
	Local Inj	.. ..	..	1	1	2	..	5	..	5	1	1	1	3	3	1	..	3	..	..	1	
	Drowning																				
Unspecified Causes		Total....	971	892	984	2847	890	987	816	2673	916	1161	1008	3085	1001	891	936	2828	835	784	830	24
		of Still-born	928	848	922	2698	847	915	769	2531	855	1078	941	1874	924	843	890	2657	793	746	782	23
All Causes exclusive		and Measles.....	26	32	61	119	70	66	82	158	42	80	43	165	32	13	12	57	28	40	61	1
		emic	902	816	861	2579	777	850	737	2373	813	998	893	2709	892	830	878	2600	765	706	721	21
Cholera, Small-pox																					
All Causes not Epid																					

eginning 1st January 1837.

						PERSONS.														
	TH RTER.				1ST QUARTER.				2ND QUARTER.				3RD QUARTER.				4TH QUARTER.				
	O	November.	December.	Total.	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	Year.
	7	1	1	11	13	4	2	18	24	17	16	13	46	14	1	3	18	2	3	15	20	108
	29	2	3	8	13	50	69	102	221	113	95	51	259	18	17	7	42	6	5	14	25	547
	2	..	..	..	..	1	..	3	4	1	4	..	5	1	4	3	8	2	..	..	2	19
	164	50	59	59	159	105	117	107	329	91	87	88	266	77	126	111	314	112	110	96	318	1227
	34	9	12	8	29	7	11	12	30	12	10	18	40	16	26	21	63	18	19	17	54	187
	499	158	142	174	474	310	306	337	953	331	396	340	1067	351	387	351	1089	342	333	395	1070	4179
	55	14	6	..	20	..	1	2	3	3	1	8	12	45	103	48	196	41	15	2	58	269
	33	13	14	19	46	9	12	19	40	26	17	22	65	19	15	19	53	20	18	28	66	224
	2	0	..	..	6	9	9	4	22	8	2	6	16	1	8	4	13	11	5	5	21	72
	19	4	6	6	16	5	4	7	16	4	7	4	15	12	10	7	29	13	7	11	31	91
	163	480	190	178	159	527	304	227	248	779	250	259	233	742	241	231	285	807	323	292	280	895	3223
	88	259	81	74	53	208	140	115	145	400	163	164	167	494	179	217	200	596	190	174	127	491	1981
	..	1	..	..	..	..	1	..	1	..	1	..	1	..	1	1	2	..	..	1	1	5
	5	11	1	5	3	9	12	18	12	42	18	19	9	46	17	11	11	39	5	17	20	42	169
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	148	455	169	139	156	464	360	346	347	1053	291	314	271	876	313	389	314	996	341	277	323	941	3866
	51	162	36	28	27	91	105	92	57	254	87	90	67	244	79	152	114	345	76	84	67	227	1070
	18	55	9	10	22	41	74	51	56	181	58	41	32	131	40	48	54	142	36	23	57	116	570
	21	14	48	20	15	17	52	48	54	61	163	45	44	44	133	50	56	42	148	47	43	54	144	588
	1	..	2	..	2	3	5	8	4	6	18	6	6	5	17	4	4	7	15	2	13	5	20	70
	21	12	49	27	17	24	68	14	16	9	39	14	17	14	45	18	21	14	53	28	17	24	69	206
	3	5	15	6	1	3	10	14	5	8	27	3	11	7	21	11	8	11	30	9	3	7	19	97
	..	..	..	..	1	1	2	1	..	1	2	2	1	2	5	1	..	2	3	..	3	2	5	15
	61	143	40	36	39	115	85	82	110	277	86	108	88	282	95	144	115	354	117	84	85	286	1199
	1	2	..	1	..	1	1	1	1	3	1	3	1	5	2	2	1	5	2	2	1	5	18
	18	36	9	11	18	38	25	34	30	89	13	15	21	49	21	19	21	61	21	18	28	67	266
	53	154	35	31	39	105	85	69	83	237	68	73	61	227	105	112	109	326	86	85	106	276	1066
	3	5	3	1	1	5	5	3	3	11	5	6	8	19	6	8	6	20	8	6	3	17	67
2	3	7	12	..	1	4	5	8	10	7	25	7	5	3	15	3	6	9	18	7	5	10	22	80
3	2	3	8	1	1	1	3	15	10	10	35	17	19	9	45	7	8	8	23	14	9	5	28	131
6	3	3	12	4	..	4	8	2	6	7	15	11	6	5	22	9	8	10	27	9	6	7	22	86
	..	..	..	2	..	..	2	..	1	2	3	..	5	..	5	1	1	1	3	4	1	..	5	16
0	1012	901	2753	890	786	859	2535	1806	1676	1814	5296	1751	1847	1617	5215	1756	2173	1909	5838	1891	1677	1795	5363	21712
6	951	853	2610	850	750	820	2420	1721	1594	1704	5019	1665	1739	1629	4933	1661	2029	1794	5484	1774	1593	1710	5077	20513
5	41	15	91	17	10	19	46	54	72	122	248	133	112	72	317	77	121	58	256	49	23	31	103	924
1	910	838	2519	833	740	801	2374	1667	1522	1582	4771	1532	1627	1457	4616	1584	1908	1736	5228	1725	1570	1679	4974	19589

NUMBER and PROPORTION of

CAUSES OF DEATHS		QUARTER 1ST.							
		MALES.		FEMALES.		PERSON			
		No.	Prop.	No.	Prop.	No.	Pr		
GENERAL DISEASES. A	Small-pox	11	·4	13	·5	24	·4		
	Measles	106	3·7	115	4·7	221	4·2		
	Fever. Simple continued	2	·1	2	·1	4	·1		
	Fever. Enteric fever	160	5·6	169	6·9	329	6·2	1	
	Fever. Ague	17	·6	13	·5	30	·6	1	
	Fever. Remittent fever	531	18·7	422	17·2	953	18·0	552	
	Cholera	2	·1	1	..	3	·1	6	
	All other diseases classed under Section A	13	·5	27	1·1	40	·8	20	
	Diseases	18	·6	4	·2	22	·4	14	
GENERAL DISEASES. B	Leprosy	7	·3	9	·4	16	·3	6	
	Dropsy								
	All other diseases classed under Section B	355	12·5	424	17·3	779	14·7	307	
	Diseases								
LOCAL DISEASES.	Diseases of the Nervous system	246	8·6	154	6·3	400	7·5	289	10·8
	Diseases of the Eye, Ear, and Nose	1	..	..	..	1	..	1	..
	Diseases of the Circulatory system	28	1·0	14	·6	42	·8	39	1·5
	Diseases of the Absorbent glands system and ductless	..	..	..	..	..	..	..	..
	Diseases of the Respiratory System	578	20·3	475	19·4	1053	19·9	458	17·1
	Digestive system. Diarrhœa	143	5·0	111	4·5	254	4·8	134	5·0
	Digestive system. Dysentery	109	3·8	72	2·9	181	3·4	73	2·7
	Digestive system. All other registered diseases under Digestive system	116	4·1	47	1·9	163	3·0	81	3·0
	Diseases of the Urinary system	15	·5	3	·1	18	·3	9	·3
	Diseases of the Generative system	..	..	39	1·6	39	·7	2	..
	Diseases of the Organs of Locomotion	18	·6	9	·4	27	·5	11	·4
	Diseases of the Cellular Tissue and Cutaneous system	1	..	1	..	2	·0	4	·1
Conditions not necessarily associated with General or Local Diseases		149	5·2	128	5·2	277	5·2	142	5·3
	Still-born	1	..	2	·1	3	·1	3	·1
	Premature Birth	34	1·2	55	2·3	89	1·7	22	·8
	Old Age	127	4·5	110	4·5	237	4·5	126	4·7
	Debility								
Accident & Violence.		9	·3	2	·1	11	·2	14	·5
	Poisons	16	·6	9	·4	25	·5	9	·3
	General Injuries	23	·8	12	·5	35	·7	41	1·5
	Local Injuries	9	·3	6	·3	15	·3	15	·6
	Drowning.								
Unspecified Causes		2	·1	1	..	3	·1	5	·2
	Total	2847	100·0	2449	100·0	5296	100·0	2673	100·0
		119	4·4	129	5·6	248	4·9	158	6·2
Cholera, Small-pox, and Measles		2579	95·6	2192	94·4	4771	95·1	2373	93·8
All other Causes not Epidemic		2698	100·0	2321	100·0	5019	100·0	2531	100·0
All Causes exclusive of Still-born									

X.

n different QUARTERS for the Year beginning 1st January 1887.

QUARTER 3RD.						QUARTER 4TH.						YEAR ENDING 31ST DECEMBER 1887.					
MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.		MALES.		FEMALES.		PERSONS.	
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
11	·4	7	·3	18	·3	7	·3	13	·5	20	·4	52	·5	56	·5	108	·5
13	·4	29	1·0	42	·7	12	·4	13	·5	25	·5	260	2·3	287	2·8	547	2·5
6	·2	2	·1	8	·1	2	·1	..	..	2	..	12	·1	7	·1	19	·1
150	4·9	164	6·0	314	5·4	159	5·6	159	6·3	318	5·9	587	5·1	640	6·3	1227	5·7
29	1·0	34	1·2	63	1·1	25	·9	29	1·2	54	1·0	90	·8	97	·9	187	·9
90	19·1	499	18·1	1089	18·7	596	21·1	474	18·7	1070	20·0	2269	19·8	1910	18·6	4179	19·3
41	4·6	55	2·0	196	3·4	138	1·3	20	·8	58	1·1	187	1·6	82	·7	269	1·2
20	·7	33	1·2	53	·9	20	·7	46	1·8	66	1·2	73	·6	151	1·5	224	1·0
11	·4	2	·1	13	·2	15	·5	6	·2	21	·4	58	·5	14	·2	72	·3
10	·3	19	·7	29	·5	15	·5	16	·6	31	·6	37	·3	54	·5	91	·4
327	10·6	480	17·4	807	13·8	368	13·0	527	20·8	895	16·7	1357	11·9	1866	18·2	3223	14·8
337	10·9	259	9·4	596	10·2	283	10·0	208	8·2	491	9·2	1155	10·1	826	8·1	1981	9·1
1	..	1	·1	2	..	1	..	..	..	1	..	4	..	1	..	5	..
28	·9	11	·4	39	·7	33	1·2	9	·4	42	·8	128	1·1	41	·4	169	·8
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
541	17·5	455	16·5	996	17·0	477	16·9	464	18·3	941	17·5	2054	18·0	1812	17·6	3866	17·8
163	5·9	162	5·9	345	5·9	136	4·8	91	3·6	227	4·2	596	5·2	474	4·6	1070	4·9
87	2·8	55	2·0	142	2·4	75	2·7	41	1·6	116	2·2	344	3·0	226	2·2	570	2·6
90	3·2	48	1·7	148	2·5	92	3·3	52	2·1	144	2·7	389	3·4	199	1·9	588	2·7
13	·4	2	·1	15	·3	15	·5	5	·2	20	·4	52	·5	18	·2	70	·3
4	·1	49	1·8	53	·9	1	..	68	2·7	69	1·3	7	·1	199	1·9	206	1·0
15	·5	15	·5	30	·5	9	·3	10	·4	19	·4	53	·5	44	·4	97	·5
3	·1	..	..	3	·1	3	·1	2	·1	5	·1	11	·1	4	·1	15	·1
211	6·8	143	5·2	354	6·1	171	6·1	115	4·5	286	5·3	673	5·9	526	5·1	1199	5·5
3	·1	2	·1	5	·1	4	·1	1	..	5	·1	11	·1	7	·1	18	·1
25	·8	36	1·3	61	1·0	29	1·0	38	1·5	67	1·2	110	1·0	156	1·5	266	1·2
172	5·6	154	5·6	326	5·6	171	6·1	105	4·1	276	5·1	596	5·2	470	4·6	1066	4·9
15	·5	5	·2	20	·3	12	·4	5	·2	17	·3	50	·4	17	·2	67	·3
6	·2	12	·4	18	·3	17	·6	5	·2	22	·4	48	·4	32	·3	80	·4
15	·5	8	·3	23	·4	25	·9	3	·1	28	·5	104	·9	27	·3	131	·6
15	·5	12	·4	27	·5	14	·5	8	·3	22	·4	53	·5	33	·3	86	·4
3	·1	..	..	3	·1	3	·1	2	·1	5	·1	13	·1	3	..	16	·1
2806	100·0	2753	100·0	5838	100·0	2828	100·0	2535	100·0	5363	100·0	11433	100·0	10279	100·0	21712	100·0
166	5·7	91	3·5	256	4·7	57	2·1	46	1·9	103	2·0	499	4·6	425	4·4	924	4·5
2709	94·3	2519	96·5	5228	95·3	2800	97·9	2374	98·1	4974	98·0	10261	95·4	9338	95·6	19599	95·5
2874	100·0	2610	100·0	5484	100·0	2857	100·0	2420	100·0	5077	100·0	10760	100·0	9763	100·0	20518	100·0

NUMBER AND PROPORTION OF DEATHS FROM EPIDEMIC AND FR(

beginning 1

CAUSES OF DEATHS.	Quarter 1st.								Quarter 2nd.					
	January.		February.		March.		Quarter.		April.		May.		June.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Pr
Small-pox	4	7·4	2	2·8	18	14·8	24	9·7	17	12·8	16	14·3	13	1
Measles	50	92·6	69	95·3	102	83·6	221	89·1	113	85·0	95	84·8	51	7
Cholera	...	...	1	1·9	2	1·6	3	1·2	3	2·2	1	·9	8	1
Epidemic Causes	54	100·0	72	100·0	122	100·0	248	100·0	133	100·0	112	100·0	72	10
Fever	423	25·4	434	28·5	459	29·0	1316	27·6	435	28·4	497	30·6	446	3
Diseases of the Nervous system	140	8·4	115	7·6	145	9·2	400	8·4	163	10·6	164	10·1	167	1
Do. Respiratory do.	360	21·6	346	22·7	347	21·9	1053	22·1	291	19·0	314	19·3	271	1
Diarrhœa	105	6·3	92	6·0	57	3·6	254	5·3	87	5·7	90	5·5	67	
Dysentery	74	4·4	51	3·4	56	3·5	181	3·8	58	3·8	41	2·5	32	
Other Causes not Epidemic	565	33·9	484	31·8	518	32·8	1567	32·8	498	32·5	521	32·0	474	3
All Causes except Epidemic	1667	100·0	1522	100·0	1522	100·0	4771	100·0	1532	100·0	1627	100·0	1457	10
Epidemic Causes	54	3·1	72	4·5	122	7·2	248	4·9	133	8·0	112	6·4	72	
All other Causes	1667	96·9	1522	95·5	1582	92·8	4771	95·1	1532	92·0	1627	93·6	1457	9
All Causes except Still-born	1721	100·0	1594	100·0	1704	100·0	5019	100·0	1665	100·0	1739	100·0	1529	10

K.

ORDINARY CAUSES in the several Months and Quarters for the Year January 1887.

		Quarter 3rd.								Quarter 4th.							
Quarter.		July.		August.		September.		Quarter.		October.		November.		December.		Quarter.	
o.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
46	14·5	14	18·2	1	·8	3	5·2	18	7·0	2	4·1	3	13·0	15	48·4	20	19·4
259	81·7	18	23·4	17	14·1	7	12·1	42	16·4	6	12·3	5	21·8	14	45·2	25	24·3
12	3·8	45	58·4	103	85·1	48	82·7	196	76·6	41	83·6	15	65·2	2	6·4	58	56·3
17	100·0	77	100·0	121	100·0	58	100·0	256	100·0	49	100·0	23	100·0	31	100·0	103	100·0
78	29·8	445	28·1	543	28·4	486	28·0	1474	28·2	474	27·5	462	29·4	508	30·2	1444	29·0
494	10·8	179	11·3	217	11·4	200	11·5	596	11·4	190	11·0	174	11·1	127	7·6	491	9·9
76	19·0	313	19·8	369	19·4	314	18·1	996	19·1	341	19·8	277	17·7	323	19·2	941	18·9
244	5·3	79	5·0	152	8·0	114	6·6	345	6·6	76	4·4	84	5·3	67	4·0	227	4·6
131	2·8	40	2·5	48	2·5	54	3·1	142	2·7	36	2·1	23	1·5	57	3·4	116	2·3
1493	32·3	528	33·3	579	30·3	568	32·7	1675	32·0	608	35·2	550	35·0	597	35·6	1755	35·3
4616	100·0	1584	100·0	1908	100·0	1736	100·0	5228	100·0	1725	100·0	1570	100·0	1679	100·0	4974	100·0
317	6·4	77	4·6	121	5·9	58	3·2	256	4·6	49	2·8	23	1·4	31	1·8	103	2·0
4616	93·6	1584	95·4	1908	94·1	1736	96·8	5228	95·4	1725	97·2	1570	98·6	1679	98·2	4974	98·0
4933	100·0	1661	100·0	2029	100·0	1794	100·0	5484	100·0	1774	100·0	1593	100·0	1710	100·0	5077	100·0

XX

PROPORTION of MALE to FEMALE DEATHS, from different Causes

		Quarter 1st.		
		Males.	Females.	Males to 100 Females.
General Diseases	A — Small-pox	11	13	84·6
	A — Measles	106	115	92·1
	A — Fever — Enteric fever	2	2	100·0
	A — Fever — Simple continued	160	169	94·6
	A — Fever — Ague	17	13	130·7
	A — Fever — Remittent fever	531	422	125·8
	A — Cholera	2	1	200·0
	A — All other diseases classed under Section A of General Diseases	13	27	48·1
	B — Leprosy	18	4	450·0
	B — Dropsy	7	9	77·7
	B — All other diseases classed under Section B of General Diseases	355	424	83·7
Local Diseases	Diseases of the Nervous system	246	154	159·7
	„ Eye, Ear, and Nose	1	...	...
	„ Circulatory system	28	14	200·0
	„ Absorbent system and Ductless Glands	...	...	...
	„ Respiratory system	578	475	121·7
	Digestive system — Diarrhœa	143	111	128·8
	Digestive system — Dysentery	109	72	151·3
	Digestive system — All other diseases registered under Digestive system	116	47	246·8
	Diseases of the Urinary system	15	3	500·0
	„ Generative system	...	39	...
	„ Organs of Locomotion and Cellular Tissue	18	9	200·0
	„ Cutaneous system	1	1	100·0
Conditions not necessarily associated with General or Local Diseases	Still-born	149	128	116·4
	Premature Birth	1	2	50·0
	Old Age	34	55	61·8
	Debility	127	110	115·4
Accident and Violence	Poisons	9	2	450·0
	General Injuries	16	9	177·7
	Local Injuries	23	12	175·0
	Drowning	9	6	150·0
Unspecified Causes		2	1	200·0
	Total	2,847	2,449	116·2
Cholera, Small-pox, and Measles		119	129	92·2
All other Causes not Epidemic		2,579	2,192	117·6
All Causes exclusive of Still-born		2,698	2,321	116·2

I.

in different Quarters, for the Year beginning 1st January 1887.

Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1887.		
Males.	Females.	Males to 100 Females.	Males	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
23	23	100·0	11	7	158·5	7	13	53·8	52	56	92·8
129	130	99·3	13	29	44·8	12	13	92·3	260	287	90·5
2	3	66·6	6	2	300·0	2	...	...	12	7	171·4
118	148	79·7	150	164	91·4	159	159	100·0	587	640	91·7
19	21	90·4	29	34	85·2	25	29	86·2	90	97	92·7
552	515	107·1	590	499	118·2	596	474	125·7	2269	1910	118·7
6	6	100·0	141	55	256·3	138	20	190·0	187	82	228·0
20	45	44·4	20	33	61·2	20	46	43·4	73	151	48·3
14	2	700·0	11	2	550·0	15	6	250·0	58	14	414·2
5	10	50·0	10	19	52·6	15	16	93·7	37	54	68·5
307	435	70·5	327	480	68·1	368	527	69·8	1357	1866	72·6
289	205	140·3	337	259	130·1	283	208	136·0	1155	826	139·8
1	...	...	1	1	100.0	1	...	...	4	1	400·0
39	7	557·1	28	11	254·5	53	9	366·6	128	41	312·1
...	...	...	...	...	...	...	...	...	...	...	...
58	418	109·5	541	455	118·9	477	464	102·6	2054	1812	113·3
1	110	121·8	183	162	112·9	136	91	149·4	596	474	125·7
3	58	125·8	87	55	158·1	75	41	182·9	344	226	152·2
81	52	155·7	100	48	208·3	92	52	176·9	389	199	195·9
9	8	112·5	13	2	650·0	15	5	300·0	52	18	288·8
2	43	4·6	4	49	8·1	1	68	1·4	7	199	3·5
11	10	111·1	15	15	100·0	9	10	90·0	53	44	120·4
4	1	400·0	3	...	...	3	2	150·0	11	4	275·0
142	140	101·4	211	143	147·5	171	115	148·6	673	526	127·9
3	2	150·0	3	2	150·0	4	1	400·0	11	7	157·1
22	27	81·4	25	36	69·4	29	38	76·3	110	156	70·5
126	101	124·7	172	154	111·6	171	105	162·8	596	470	126·8
14	5	280·0	15	5	300·0	12	5	240·0	50	17	294·1
9	6	150·0	6	12	50·0	17	5	340·0	48	32	150·0
41	4	1025·0	15	8	187·5	25	3	833·3	104	27	385·1
15	7	214·2	15	12	125·0	14	8	175·0	53	33	160·6
5	...	...	3	...	...	3	2	150·0	13	3	433·3
2,673	2,542	105·1	2,085	2,753	75·7	2,828	2,535	111·1	11433	10279	111·2
158	159	99·3	165	91	181·3	57	46	123·9	499	425	117·4
2,378	2,243	105·7	2,709	2,519	107·5	2,600	2,374	109·5	10261	9338	110·0
2,531	2,402	105·2	2,874	2,610	110·1	2,657	2,420	109·7	10760	9753	110·3

XX

NUMBER and PROPORTION of DEATHS in different MONTHS

	Small-pox.		Measles.		Cholera.		Small-pox, Measles, and Cholera.		Fever.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
JANUARY	4	3·7	50	9·1	...	...	54	5·8	423	7·5
FEBRUARY	2	1·9	69	12·6	1	0·3	72	7·8	434	7·7
MARCH	18	16·7	102	18·6	2	0·8	122	13·2	459	8·2
APRIL	17	15·7	113	20·7	3	1·1	133	14·4	435	7·8
MAY	16	14·8	95	17·4	1	0·4	112	12·1	497	8·9
JUNE	13	12·0	51	9·3	8	2·0	72	7·8	446	7·9
JULY	14	13·0	18	3·3	45	16·7	77	8·3	445	7·9
AUGUST	1	0 9	17	3·1	103	38·3	121	13·1	543	9·7
SEPTEMBER	3	2·8	7	1·3	48	17·8	58	6·3	486	8·7
OCTOBER	2	1·8	6	1·1	41	16·2	49	5·3	474	8·5
NOVEMBER	3	2·8	5	0·9	15	5·6	23	2·5	462	8·2
DECEMBER	15	13·9	14	2·6	2	0·8	31	3·4	508	9·0
Year...	108	100·0	547	100·0	269	100·0	924	100·0	5612	100·0

II.

from different Causes for the Year beginning 1st January 1887.

Diseases of Nervous System.		Diseases of Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes except Epidemic.		All Causes except Still-born.	
No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
140	7·1	360	9·3	105	9·8	74	13·0	565	8·7	1667	8·5	1721	8·4
115	5·8	346	9·0	92	8·6	51	9·0	484	7·5	1522	7·8	1594	7·8
145	7·3	347	9·0	57	5·3	56	9·8	518	8·0	1582	8·1	1704	8·3
163	8·2	291	7·5	87	8·1	58	10·2	498	7·7	1532	7·8	1665	8·1
164	8·3	314	8·1	90	8·4	41	7·2	521	8·0	1627	8·3	1739	8·5
167	8·4	271	7·0	67	6·3	32	5·6	474	7·3	1457	7·4	1529	7·5
179	9·0	313	8·1	79	7·4	40	7·0	528	8·1	1584	8·1	1661	8·1
217	10·9	369	9·5	152	14·2	48	8·4	579	8·9	1908	9·7	2029	9·9
200	10·1	314	8·1	114	10·6	54	9·5	568	8·7	1736	8·9	1794	8·7
190	9·7	341	8·8	76	7·1	36	6·3	608	9·4	1725	8·8	1774	8·6
174	8·8	277	7·2	84	7·9	23	4·0	550	8·5	1570	8.0	1593	7·8
127	6·4	323	8·4	67	6·3	57	10·0	597	9·2	1679	8·6	1710	8·3
1981	100·0	3866	100·0	1070	100·0	570	100·0	6490	100·0	19589	100·0	20513	100·0

XXIII.

DEATHS in different RACES and CASTES in different Months, arranged in Quarters in the Year beginning 1st January 1887.

MONTHS.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindoo of other Castes.	Hindoo Low Castes.	Mussulmans.	Parsees.	Jews.	Native Christian and Armenian.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Castes.	All Castes and Races.	Asarcophagous Castes.	Sarcophagous Castes and Races.	Still-born.	Total.
MALES.																				
January	40	28	1	10	445	84	201	55	4	43	1	14	2	...	...	928	79	849	43	971
February	21	23	1	14	417	69	222	39	5	26	3	3	4	1	...	848	59	789	44	892
March	33	38	...	17	438	68	229	46	3	34	2	5	9	...	...	922	88	834	62	984
Quarter 1st	94	89	2	41	1,300	221	652	140	12	103	6	22	15	1	...	2,698	226	2,472	149	2,847
April	44	28	1	14	418	55	193	48	8	22	2	13	1	...	...	847	87	760	43	890
May	57	39	2	18	432	60	213	46	4	25	1	12	4	...	2	915	116	799	52	967
June	45	21	1	6	377	54	186	39	1	28	2	7	1	...	1	769	73	696	47	816
Quarter 2nd	146	88	4	38	1,227	169	592	133	13	75	5	32	6	...	3	2,531	276	2,255	142	2,673
July	41	27	1	16	425	76	192	31	7	24	2	10	3	...	...	855	85	770	61	916
August	47	39	2	14	515	83	252	47	7	48	6	11	7	...	...	1,078	102	976	83	1,161
September	62	26	4	8	461	72	186	49	3	49	4	11	5	...	1	941	100	841	67	1,008
Quarter 3rd	150	92	7	38	1,401	231	630	127	17	121	12	32	15	...	1	2,874	287	2,587	211	3,085
October	37	39	...	7	450	69	213	39	3	39	4	13	7	1	3	924	83	841	77	1,001
November	40	33	1	13	420	57	208	32	4	23	3	6	2	...	1	843	87	756	48	891
December	42	30	...	12	430	65	215	50	4	31	2	6	3	...	...	890	84	806	46	936
Quarter 4th	119	102	1	32	1,300	191	636	121	11	93	9	25	12	1	4	2,657	254	2,403	171	2,828
FEMALES.																				
January	29	24	1	10	361	55	211	53	5	33	1	10	...	...	...	793	64	729	42	835
February	25	27	1	12	342	69	195	29	3	33	3	4	3	...	...	746	65	681	38	784
March	27	24	...	4	388	46	217	41	3	18	3	5	5	...	1	782	55	727	48	830
Quarter 1st	81	75	2	26	1,091	170	623	123	11	84	7	19	8	...	1	2,321	184	2,137	128	2,449

April	37	47	...	11	383	44	217	42	1	24	4	7	1	...	...	818	95	723	43	861
May	42	29	...	17	382	55	212	41	7	30	2	5	2	...	...	824	88	736	56	880
June	37	24	2	14	362	47	202	38	1	24	2	7	...	...	...	760	77	683	41	801
Quarter 2nd..	116	100	2	42	1,127	146	631	121	9	78	8	19	3	...	...	2,402	260	2,142	140	2,542
July	29	26	2	9	388	64	210	42	3	26	3	4	...	...	...	806	66	740	34	840
August	48	36	2	12	468	89	207	40	2	34	3	6	4	...	...	951	98	853	61	1,012
September	26	34	2	13	407	81	208	40	4	28	3	4	3	...	...	853	75	778	48	901
Quarter 3rd..	103	96	6	34	1,263	234	625	122	9	88	9	14	7	...	...	2,610	239	2,371	143	2,753
October	41	31	...	7	405	69	213	40	6	27	4	2	3	...	2	850	79	771	40	890
November	40	35	...	16	356	48	193	37	3	13	3	5	1	...	...	750	91	659	36	786
December	38	31	2	11	391	61	221	31	3	15	3	10	3	...	...	820	82	738	39	859
Quarter 4th..	119	97	2	34	1,152	178	627	108	12	55	10	17	7	...	2	2,420	252	2,168	115	2,535

PERSONS.

January	69	52	2	20	806	139	412	108	9	76	2	24	2	...	...	1,721	143	1,578	85	1,806
February	46	50	2	26	759	138	417	68	8	59	6	7	7	1	...	1,594	124	1,470	82	1,676
March	60	62	...	21	826	114	446	87	6	52	5	10	14	...	1	1,704	143	1,561	110	1,814
Quarter 1st..	175	164	4	67	2,391	391	1,275	263	23	187	13	41	23	1	1	5,019	410	4,609	277	5,296
April	81	75	1	25	801	99	410	90	9	46	6	20	2	...	...	1,665	182	1,483	86	1,751
May	99	68	2	35	814	115	425	87	11	55	3	17	6	...	2	1,739	204	1,535	108	1,847
June	82	45	3	20	739	101	388	77	2	52	4	14	1	...	1	1,529	150	1,379	88	1,617
Quarter 2nd	262	188	6	80	2,354	315	1,223	254	22	153	13	51	9	...	3	4,933	536	4,397	282	5,216
July	70	53	3	25	813	140	402	73	10	50	5	14	3	...	...	1,661	151	1,510	95	1,756
August	95	75	4	26	983	172	459	87	9	82	9	17	11	...	...	2,029	200	1,829	144	2,173
September	88	60	6	21	868	153	394	89	7	77	7	15	8	...	1	1,794	175	1,619	115	1,909
Quarter 3rd..	253	188	13	72	2,664	465	1,255	249	26	209	21	46	22	...	1	5,484	526	4,958	354	5,838
October	78	70	...	14	855	138	426	79	9	66	8	15	10	1	5	1,774	162	1,612	117	1,891
November	80	68	1	29	776	105	401	69	7	36	6	11	3	...	1	1,593	178	1,415	84	1,677
December	80	61	2	23	821	126	436	81	7	46	5	16	6	...	...	1,710	166	1,544	85	1,795
Quarter 4th..	238	199	3	66	2,452	369	1,263	229	23	148	19	42	19	1	6	5,077	506	4,571	286	5,363
Year...	928	739	26	285	9,861	1,540	5,016	995	94	697	66	180	73	2	11	20,513	1,978	18,535	1199	21,712

XXIV.

NUMBER *and* PROPORTION *of* DEATHS *from different Causes in different* RACES AND CASTES *for the Year beginning 1st January 1887.*

	Races and Castes.	Small-pox.		Measles.		Cholera.		Small-pox, Measles, and Cholera.		Fever.		Diseases of Nervous System.		Diseases of Respiratory System.		Diarrhœa		Dysentery		Other Causes not Epidemic.		All Causes except Epidemic.		All Causes except Still-born.	
		No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
Asarcophagous	Jains	5	4·6	22	4·0	9	3·3	36	3·9	262	4·7	114	5·8	179	4·6	48	4·5	5	·9	284	4·4	892	4·6	928	4·5
	Brahmins	3	2·8	27	4·9	8	3·0	38	4·1	225	4·0	75	3·8	113	2·9	39	3·6	20	3·5	229	3·5	701	3·6	739	3·6
	Lingaets	...	...	1	·2	...	...	1	·1	6	·1	5	·3	4	·1	1	·1	...	...	9	·1	25	·1	26	·1
	Bhatias	...	...	5	·9	1	·4	6	·7	83	1·5	28	1·4	47	1·2	11	1·0	6	1·1	104	1·6	279	1·4	285	1·3
Sarcophagous.	Hindus of other Castes	79	73·2	274	50·0	133	49·4	486	52·6	2849	50·7	1069	53·9	1819	47·1	460	43·0	281	49·3	2897	44·7	9375	47·9	9861	48·1
	Hindu Low-castes	7	6·5	67	12·2	33	12·3	107	11·6	473	8·4	131	6·6	307	8·0	74	7·0	53	9·3	395	6·1	1433	7·3	1540	7·5
	Mussulmans	8	7·4	93	17·0	33	12·3	134	14·5	1276	22·8	346	17·5	1121	29·0	251	23·4	79	13·8	1809	28·0	4882	24·9	5016	24·5
	Parsees	1	·9	34	6·2	13	4·8	48	5·2	192	3·4	143	7·2	89	2·3	72	6·7	79	13·8	372	5·7	947	4·8	995	4·9
	Jews	...	...	5	·9	1	·4	6	·7	27	·5	6	·3	13	·3	13	1·2	1	·2	28	·4	88	·5	94	·5
	Native Christians	4	3·7	10	1·9	27	10·0	41	4·4	171	3·0	34	1·7	133	3·5	79	7·4	30	5·2	209	3·2	656	3·4	697	3·5
	Eurasians	...	...	2	·5	1	·4	3	·3	4	·1	6	·3	4	·1	9	·8	6	1·1	34	·5	63	·3	66	·3
	Europeans	1	·9	6	1·1	4	1·5	11	1·2	28	·5	20	1·0	15	·4	8	·8	9	1·6	89	1·4	169	·9	180	·9
	Negro-Africans	...	...	1	·2	6	2·2	7	·7	14	·3	4	·2	21	·5	5	·5	1	·2	21	·3	66	·3	73	·3
	Buddhists	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	2	·0	2	·0
	Other and unknown Castes	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	9	·1	11	·0	11	·0
	All Races and Castes	108	100·0	547	100·0	269	100·0	924	100·0	5612	100·0	1981	100·0	3866	100·0	1070	100·0	570	100·0	6490	100·0	19589	100·0	20513	100·0
	Asarcophagous	8	7·4	55	10·0	18	6·7	81	8·8	576	10·3	222	11·2	343	8·8	99	9·2	31	5·4	626	9·6	1897	9·7	1978	9·6
	Sarcophagous	100	92·6	492	90·0	251	93·3	843	91·2	5036	89·7	1759	88·8	3523	91·2	971	90·8	539	94·6	5864	90·4	17692	90·3	18535	90·4

XXV.

PROPORTION OF MALE TO FEMALE DEATHS in different RACES and CASTES, in different QUARTERS, for the Year beginning 1st January 1887.

	Races and Castes.	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1887.		
		Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
Asarcophagous.	Jains	94	81	116·05	146	116	125·86	150	103	145·63	119	119	100·00	509	419	121·47
	Brahmins	89	75	118·66	88	100	88·00	92	96	95·83	102	97	105·15	371	368	100·81
	Lingaets	2	2	100·00	4	2	200·00	7	6	116·66	1	2	50·00	14	12	116·66
	Bhatias	41	26	153·84	38	42	90·47	38	34	111·76	32	34	94·11	149	136	109·55
Sarcophagous.	Hindoos of other Castes	1300	1091	119·15	1227	1127	108·87	1401	1263	110·92	1300	1152	112·84	5228	4633	112·84
	Hindoo Low-castes	221	170	130·00	169	146	115·75	231	234	98·71	191	178	107·30	812	728	111·53
	Mussulmans	652	623	104·65	592	631	93·81	630	625	100·80	636	627	101·43	2510	2506	100·16
	Parsees	140	123	113·82	133	121	109·91	127	122	104·09	121	108	412·03	521	474	109·92
	Jews	12	11	109·09	13	9	144·44	17	9	188·88	11	12	92·50	53	41	129·26
	Native Christians	103	84	122·62	75	78	96·15	121	88	136·63	93	55	169·09	392	305	128·52
	Eurasians	6	7	85·71	5	8	62·50	12	9	133·33	9	10	90·00	32	34	94·11
	Europeans	22	19	115·79	32	19	168·42	32	14	228·57	25	17	147·05	111	69	160·87
	Negro-Africans	15	8	187·50	6	3	200·00	15	7	214·28	12	7	171·42	48	25	192·00
	Buddhists	1	...	...	...	...	...	...	...	...	1	...	...	2	...	...
	Other and Unknown Castes	...	1	...	3	...	...	1	...	...	4	2	200·00	8	3	266·66
	All Races and Castes...	2698	2321	116·24	2531	2402	105·37	2874	2610	110·11	2657	2420	109·79	10760	9753	110·32
	Asarcophagous	226	184	122·82	276	260	106·15	287	239	120·08	254	252	100·78	1043	935	111·55
	Sarcophagous	2472	2137	110·99	2255	2142	105·27	2587	2371	109·11	2403	2168	110·83	9717	8818	109·21

XXVI.

DEATHS at different AGES in different MONTHS, arranged in Quarters, for the Year beginning 1st January 1887.

MONTHS.	AGES.																								All Ages exclusive of Still-born.	Still-born.	Total.
	Days.	Months.		Years.																							
	1 to 30	1 to 6	7 to 12	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 12	12 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 70	70 to 80	over 80 yrs.			
MALES.																											
January	81	73	71	56	30	12	8	7	5	5	...	3	6	7	42	50	51	47	73	40	62	26	60	59	37	17	928	43	972
February	69	75	82	64	23	6	9	4	7	5	1	...	9	9	32	53	42	59	45	28	49	36	53	40	31	17	848	44	892
March	92	72	83	91	28	17	9	9	9	...	4	2	7	15	33	60	47	52	54	39	57	14	49	41	22	16	922	62	984
Quarter 1st	242	220	236	211	81	35	26	20	21	10	5	5	22	31	107	163	140	158	172	107	168	76	162	140	90	50	2,698	149	2,847
April	73	75	83	90	36	13	10	2	5	4	3	4	10	3	39	49	48	41	46	26	52	23	44	33	26	9	847	43	890
May	111	84	112	79	44	13	8	9	5	6	2	2	14	12	33	46	43	48	47	37	42	23	36	32	23	4	915	52	967
June	102	84	101	74	29	10	9	4	4	4	2	1	4	10	25	45	27	35	40	26	36	18	38	24	22	5	769	47	816
Quarter 2nd	286	233	296	243	109	36	27	15	14	14	7	7	28	25	97	140	118	124	133	89	130	64	118	89	71	18	2,531	142	2,673
July	123	77	93	55	19	18	4	4	5	...	1	2	10	5	46	61	49	49	52	24	52	18	35	18	29	6	855	61	916
August	158	90	103	70	42	16	12	8	4	6	3	4	13	12	59	71	80	50	68	34	34	28	47	36	19	11	1,078	83	1,161
September	128	87	71	63	23	22	21	10	5	3	2	5	11	15	35	76	65	42	60	32	44	21	43	25	20	12	941	67	1,008
Quarter 3rd	409	254	267	188	84	56	37	22	14	9	6	11	34	32	140	208	194	141	180	90	130	67	125	79	68	29	2,874	211	3,085
October	126	77	85	46	26	19	9	4	8	3	2	3	5	5	29	64	56	57	62	33	36	28	52	46	24	19	924	77	1,001
November	109	81	62	54	23	12	5	5	5	5	4	3	9	8	24	60	68	44	50	39	43	23	42	30	26	9	843	48	891
December	95	82	77	56	23	20	9	5	7	4	2	7	3	12	43	48	46	44	58	25	60	28	55	42	27	12	890	46	936
Quarter 4th	330	240	224	156	72	51	23	14	20	12	8	13	17	25	96	172	170	145	170	97	139	79	149	118	77	40	2,657	171	2,828
FEMALES.																											
January	76	56	60	63	35	13	7	2	5	3	3	...	14	17	41	51	49	36	38	19	28	15	48	46	47	21	793	42	835
February	56	60	58	70	33	14	6	9	6	3	1	1	10	15	53	48	30	32	31	15	35	13	40	37	49	21	746	38	784
March	57	73	68	77	50	31	10	8	8	3	1	10	9	12	42	38	50	23	30	17	19	17	38	28	44	19	782	48	830
[illegible]ter 1st	189	189	186	210	118	58	23	19	19	9	5	11	33	44	136	137	129	91	99	51	82	45	126	111	140	61	2,321	128	2,449

.....	58	86	89	99	43	22	14	6	7	2	7	5	9	8	51	54	39	28	43	18	21	8	44	25	23	9	818	43	861
.....	66	75	98	96	44	21	13	6	3	6	5	11	16	14	60	42	37	20	35	13	20	10	32	28	37	16	824	56	880
June	75	72	102	69	30	13	10	5	7	1	3	3	14	17	35	55	55	26	30	15	23	9	28	23	24	16	760	41	801
Quarter 2nd	199	233	289	264	117	56	37	17	17	9	15	19	39	39	146	151	131	74	108	46	64	27	104	76	84	41	2,402	140	2,542
July.....	113	75	75	72	31	13	15	7	4	6	1	4	9	16	59	51	55	21	31	13	21	11	31	42	18	12	806	34	840
August	103	68	88	77	38	16	16	6	4	6	3	6	12	23	65	71	61	38	51	23	25	13	36	43	38	21	951	61	1,012
September	109	65	85	66	29	10	12	5	4	7	2	5	13	21	60	62	61	29	42	15	26	15	26	41	26	17	853	48	901
Quarter 3rd...	325	208	248	215	98	39	43	18	12	19	6	15	34	60	184	184	177	88	124	51	72	39	93	126	82	50	2,610	143	2,753
October	104	72	73	63	37	15	8	7	4	6	3	7	10	24	62	61	54	28	36	12	34	10	44	33	31	12	850	40	890
November	73	61	59	49	22	18	9	1	10	4	1	3	7	13	56	63	46	34	40	22	25	10	30	39	38	17	750	36	786
December	73	67	68	55	26	15	8	7	7	6	4	7	6	18	66	61	61	27	36	13	32	13	46	35	41	22	820	39	859
Quarter 4th..	250	200	200	167	85	48	25	15	21	16	8	17	23	55	184	185	161	89	112	47	91	33	120	107	110	51	2,420	115	2,535
PERSONS.																													
January	157	129	131	119	65	25	15	9	10	8	3	3	20	24	83	101	100	83	111	59	90	41	108	105	84	38	1,721	85	1,806
February	125	135	140	134	56	20	15	13	13	8	2	1	19	24	85	101	72	91	76	43	84	49	93	77	80	38	1,594	82	1,676
March	149	145	151	168	78	48	19	17	17	3	5	12	16	27	75	98	97	75	84	56	76	31	87	69	66	35	1,704	110	1,814
Quarter 1st.	431	409	422	421	199	93	49	39	40	19	10	16	55	75	243	300	269	249	271	158	250	121	288	251	230	111	5,019	277	5,296
April	131	161	172	189	79	35	24	8	12	6	10	9	19	11	90	103	87	69	89	44	73	31	88	58	49	18	1,665	86	1,751
May.....	177	169	210	175	88	34	21	15	8	12	7	13	30	26	93	88	80	68	82	50	62	33	68	60	60	20	1,739	108	1,847
June	177	146	203	143	59	23	19	9	11	5	5	4	18	27	60	100	82	61	70	41	59	27	66	47	46	21	1,529	88	1,617
Quarter 2nd.	485	466	585	507	226	92	64	32	31	23	22	26	67	64	243	291	249	198	241	135	194	91	222	155	155	59	4,933	282	5,215
July.....	236	152	168	127	50	31	19	11	9	6	2	6	19	21	105	112	104	70	83	37	73	29	66	60	47	18	1,661	95	1,756
August	261	155	191	147	80	32	28	14	8	12	6	10	25	35	124	142	141	88	119	57	59	41	83	79	57	32	2,029	144	2,173
September	237	152	156	129	52	32	33	15	9	10	4	10	24	36	95	138	126	71	102	47	70	36	69	66	46	29	1,794	115	1,905
Quarter 3rd..	734	462	515	403	182	95	80	40	26	28	12	26	68	92	324	392	371	229	304	141	202	106	218	205	150	79	5,484	354	5,838
October	230	149	158	109	63	34	17	11	12	9	5	10	15	29	91	125	110	85	98	45	70	38	96	79	55	31	1,774	117	1,891
November	182	142	121	103	45	30	14	6	15	9	5	6	16	21	80	123	114	78	90	61	68	33	72	69	64	26	1,593	84	1,677
December	168	149	145	111	49	35	17	12	14	10	6	14	9	30	109	109	107	71	94	38	92	41	101	77	68	34	1,710	85	1,795
Quarter 4th...	580	440	424	323	157	99	48	29	41	28	16	30	40	80	280	357	331	234	282	144	230	112	269	225	187	91	5,077	286	5,363
Year...	2,230	1,777	1,946	1,654	764	379	241	140	138	98	60	98	230	311	1,090	1,340	1,220	910	1,098	578	876	430	997	846	722	340	20,513	1,199	21,71

XXVII.

NUMBER and PROPORTION of DEATHS at different AGES, from different CAUSES, for the Year beginning 1st January 1887.

AGES.	Small-pox.		Measles.		Cholera.		Small-pox, Measles and Cholera.		Fever.		Diseases of Nervous System.		Diseases of Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.		All Causes except Epidemic.		All Causes except Still-born.	
	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.	No.	Prop.
Days 1 to 30 ...	1	·9	...	...	...	...	1	0·1	104	1·9	995	50·2	246	6·3	11	1·0	...	...	873	13·4	2229	11·4	2230	10·9
Months1 to 6 ...	16	14·8	34	6·2	1	0·4	51	5·5	685	12·2	339	17·1	373	9·6	92	8·6	7	1·2	230	3·4	7726	8·8	1777	8·7
„ 7 to 12 ...	12	11·1	132	24·1	...	...	144	15·6	774	13·8	138	7·0	539	13·9	92	8·6	33	5·8	226	3·5	1802	9·2	1946	9·4
Years 1 to 2 ...	8	7·4	182	33·3	1	0·4	191	20·7	608	10·8	63	3·2	433	11·2	108	10·0	51	8·9	200	3·1	1463	7·5	1654	8·1
„ 2 to 3 ...	7	6·5	93	17·0	2	0·7	102	11·0	276	4·9	11	0·5	155	4·0	59	5·5	40	7·0	121	1·9	662	3·4	764	3·7
„ 3 to 4 ...	4	3·7	30	5·5	6	2·2	40	4·3	149	2·7	8	0·4	76	2·0	22	2·1	14	2·4	70	1·0	339	1·7	379	1·8
„ 4 to 5 ...	2	1·9	19	3·5	2	0·7	23	2·5	99	1·7	5	0·3	34	0·9	20	1·9	20	3·5	40	0·6	218	1·1	241	1·2
„ 5 to 6 ...	...	...	18	3·3	2	0·7	20	2·2	45	0·8	3	0·2	22	0·6	14	1·3	2	0·4	34	0·5	120	0·6	140	0·7
„ 6 to 7 ...	4	3·7	10	1·8	3	1·1	17	1·8	55	1·0	2	0·1	18	0·5	5	0·5	5	0·9	36	0·6	121	0·6	138	0·7
„ 7 to 8 ...	2	1·9	6	1·1	2	0·7	10	1·1	32	0·6	1	...	12	0·3	5	0·5	4	0·7	34	0·5	88	0·5	98	0·5
„ 8 to 9 ...	...	...	3	0·5	1	0·4	4	0·4	24	0·4	1	...	9	0·2	4	0·4	3	0·5	15	0·2	56	0·3	60	0·3
„ 9 to 10 ...	2	1·9	3	0·5	1	0·4	6	0·6	36	0·6	5	0·3	14	0·4	4	0·4	5	0·9	28	0·4	92	0·5	98	0·5
„ 10 to 12 ...	6	5·5	5	0·9	3	1·1	14	1·5	80	1·4	7	0·3	29	0·8	10	0·9	5	0·9	85	1·3	216	1·1	230	1·1
„ 12 to 15 ..	3	2·8	...	...	12	4·5	15	1·6	98	1·7	10	0·5	27	0·7	14	1·3	2	0·4	145	2·2	296	1·5	311	1·5
„ 15 to 20 ...	12	11·1	6	1·1	27	10·1	45	4·9	330	5·9	27	1·4	102	2·6	31	2·9	26	4·5	529	8·2	1045	5·3	1090	5·3
„ 20 to 25 ...	18	16·7	4	0·8	70	26·0	92	10·0	348	6·2	48	2·4	133	3·4	53	5·0	32	5·6	634	9·8	1248	6·4	1340	6·5
„ 25 to 30 ...	4	3·7	1	0·2	46	17·1	51	5·5	306	5·5	26	1·3	147	3·8	53	5·0	38	6·7	599	9·2	1169	5·9	1220	5·9
„ 30 to 35 ...	1	·9	1	0·2	30	11·2	32	3·5	215	3·8	30	1·5	104	2·7	65	6·1	31	5·4	433	6·7	878	4·5	910	4·4
„ 35 to 40 ...	4	3·7	...	...	16	6·0	20	2·2	255	4·5	31	1·6	157	4·1	80	7·4	53	9·2	502	7·8	1078	5·5	1098	5·4
„ 40 to 45 ...	...	...	...	...	14	5·2	14	1·5	131	2·3	24	1·2	80	2·1	27	2·5	23	4·3	279	40·3	564	2·9	578	2·8
„ 45 to 50 ...	1	·9	...	...	13	4·8	14	1·5	205	3·7	37	1·9	160	4·1	49	4·6	32	5·6	379	5·8	862	4·4	876	4·3
„ 50 to 55 ...	1	·9	...	...	9	3·3	10	1·1	107	1·9	30	1·5	62	1·6	28	2·6	15	2·6	178	2·8	420	2·1	430	2·1
„ 55 to 60 ...	...	...	...	...	7	2·6	7	0·8	239	4·3	38	1·9	243	6·3	81	7·6	54	9·5	335	5·2	990	5·1	997	4·9
„ 60 to 70 ...	...	...	...	...	1	0·4	1	0·1	189	3·4	54	2·7	318	8·2	58	5·4	40	7·0	186	2·9	845	4·3	846	4·1
„ 70 to 80 ...	...	...	...	...	...	...	...	...	151	2·7	35	1·8	270	7·0	55	5·1	26	4·5	185	2·9	722	3·7	722	3·5
Over 80 years ...	...	...	...	...	...	...	...	...	71	1·3	13	0·7	103	2·7	30	2·8	9	1·6	114	1·8	340	1·7	340	1·7
All Ages...	108	100·0	547	100·0	269	100·0	924	100·0	5612	100·0	1981	100·0	3866	100·0	1070	100·0	570	100·0	6490	100·0	19589	100·0	20513	100·0

XXVIII.

PROPORTION of MALE to FEMALE DEATHS, in different Quarters, for the Year beginning 1st January 1887.

Ages.	Quarter 1st.			Quarter 2nd.			Quarter 3rd.			Quarter 4th.			Year ending 31st December 1887.		
	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.	Males.	Females.	Males to 100 Females.
Days 1 to 30	242	189	128·04	286	199	143·71	409	325	125·84	330	250	132·00	1267	963	131·56
Months 1 to 6	220	189	116·40	233	233	100·00	254	208	122·11	240	200	120·00	947	830	114·09
„ 7 to 12	236	186	126·88	296	289	102·42	267	248	107·66	224	200	112·00	1023	923	110·83
Years 1 to 2	211	210	100·48	243	264	92·04	188	215	87·44	156	167	93·41	798	856	93·10
„ 2 to 3	81	118	68·64	109	117	93·16	84	98	85·71	72	85	83·52	346	418	82·77
„ 3 to 4	35	58	60·34	36	56	64·28	56	39	143·58	51	48	106·25	178	201	88·55
„ 4 to 5	26	23	113·04	27	37	72·97	37	43	86·04	23	25	92·00	113	128	88·28
„ 5 to 6	20	19	105·26	15	17	88·23	22	18	122·22	14	15	93·33	71	69	102·89
„ 6 to 7	21	19	110·52	14	17	82·35	14	12	116·66	20	21	95·23	69	69	100·00
„ 7 to 8	10	9	111·11	14	9	155·55	9	19	47·36	12	16	75·00	45	53	84·90
„ 8 to 9	5	5	100·00	7	15	46·66	6	6	100·00	8	8	100·00	26	34	76·47
„ 9 to 10	5	11	45·45	7	19	36·84	11	15	73·33	13	17	76·47	36	62	58·06
„ 10 to 12	22	33	66·66	28	39	71·79	34	34	100·00	17	23	73·91	101	129	78·29
„ 12 to 15	31	44	70·45	25	39	64·10	32	60	53·33	25	55	45·45	113	198	57·07
„ 15 to 20	107	136	78·67	97	146	66·43	140	184	76·08	96	184	52·17	440	650	67·69
„ 20 to 25	163	137	118·97	140	151	92·71	208	184	113·04	172	185	92·43	683	657	103·95
„ 25 to 30	140	129	108·52	118	131	90·07	194	177	109 60	170	161	105·59	622	598	104·01
„ 30 to 35	158	91	173·62	124	74	167·56	141	88	160·22	145	89	162·92	568	342	168·68
„ 35 to 40	172	99	173·74	133	108	123·14	180	124	145·16	170	112	151·78	655	443	147·85
„ 40 to 45	107	51	209·82	89	46	193·47	90	51	176·47	97	47	206·38	383	195	195·89
„ 45 to 50	168	82	204·87	130	64	203·12	130	72	180·55	139	91	152·74	567	309	183·49
„ 50 to 55	76	45	168·88	64	27	237·03	67	39	171·79	79	33	239·39	286	144	198·61
„ 55 to 60	162	126	49·20	118	104	113·46	125	93	134·40	149	120	124·16	554	443	125·05
„ 60 to 70	140	111	126·12	89	76	117·10	79	126	62·69	118	107	110·37	426	420	101·42
„ 70 to 80	90	140	64·28	71	84	84·52	68	82	82·92	77	110	70·00	306	416	73·55
Over 80 years	50	61	81·96	18	41	43·90	29	50	58·00	40	51	78·43	137	203	67·48
All Ages...	2698	2321	116·24	2531	2402	105·37	2874	2610	110·11	2657	2420	109·79	10760	9753	110·32

NUMBER and PROPORTION of DEATHS in different Localities, from different CAUSES, for the Year beginning 1st January 1887.

Division.	LOCALITIES. Section of District.		Small-pox. No.	Small-pox. Prop.	Measles. No.	Measles. Prop.	Cholera. No.	Cholera. Prop.	Small-pox, Measles, and Cholera. No.	Small-pox, Measles, and Cholera. Prop.	Fever. No.	Fever. Prop.	Diseases of Nervous System. No.	Diseases of Nervous System. Prop.	Diseases of Respiratory System. No.	Diseases of Respiratory System. Prop.	Diarrhœa. No.	Diarrhœa. Prop.	Dysentery. No.	Dysentery. Prop.	Other Causes not Epidemic. No.	Other Causes not Epidemic. Prop.	All Causes except Epidemic. No.	All Causes except Epidemic. Prop.	All Causes except Still-born. No.	All Causes except Still-born. Prop.
A	Upper Colaba...	1st	1	·9	2	·4	...	...	3	·3	11	·2	14	·7	13	·3	22	2·1	5	·9	18	·2	78	·4	81	·4
	Middle & Lower Colaba	1st	19	17·6	12	2·2	4	1·5	35	3·8	82	1·5	44	2·2	50	1·3	12	1·1	6	1·1	59	·9	253	1·3	288	1·4
	Fort, Southern.	2nd	...	...	...	...	...	...	...	..	8	·1	3	·2	1	...	...	...	...	...	9	·1	21	·1	21	·1
	„ Northern.	2nd	...	...	22	4·0	7	2·6	29	3·1	189	3·4	97	4·9	106	2·7	45	4·2	33	5·8	261	4·0	731	3·7	760	3·7
	Esplanade	3rd	1	·9	2	·4	16	6·0	19	2·1	54	1·0	18	·9	36	·9	11	1·0	8	1·4	56	·8	183	·9	202	1·0
B	Market	1st	4	3·7	27	4·9	26	9·7	57	6·2	285	5·1	124	6·3	152	3·9	56	5·2	30	5·3	295	4·6	942	4·8	999	4·9
	Mandvee	2nd	12	11·1	33	6·0	15	5·6	60	6·5	392	7·0	189	9·5	236	6·1	47	4·4	8	1·4	327	5·0	1199	6·1	1258	6·1
	Chukla	2nd	3	2·8	33	6·0	11	4·1	47	5·1	418	7·4	146	7·4	320	8·5	32	3·0	12	2·1	447	6·9	1375	7·0	1422	6·9
	Oomburkharee..	3rd	5	4·6	39	7·1	10	3·7	54	5·9	434	7·7	144	7·3	354	9·2	65	6·1	31	5·4	512	7·9	1540	7·8	1594	7·8
	Dongree	3rd	3	2·8	15	2·7	3	1·1	21	2·3	241	4·3	90	4·5	133	3·4	31	2·9	26	4·6	201	3·1	722	3·7	743	3·6
C	Dhobee Talao..	1st	7	6·5	35	6·4	34	12·6	76	8·2	278	5·0	145	7·3	175	4·5	51	4·8	40	7·0	335	5·2	1024	5·2	1100	5·4
	Phunuswady ...	1st	1	·9	17	3·1	10	3·7	28	3·0	108	1·9	69	3·5	68	1·8	21	2·0	11	1·9	140	2·2	417	2·1	445	2·2
	Bhooleshwar ...	2nd	...	...	17	3·1	6	2·2	23	2·5	267	4·8	111	5·6	217	5·6	31	2·9	22	3·9	370	5·7	1018	5·2	1041	5·1
	Khara Talao ...	3rd	5	4·6	31	5·7	1	·4	37	4·0	270	4·8	64	3·2	201	5·2	43	4·0	12	2·1	273	4·2	863	4·4	900	4·4
	Koombharwara	3rd	...	...	21	3·8	4	1·5	25	2·7	266	4·7	86	4·3	161	4·2	35	3·3	24	4·2	304	4·7	876	4·5	901	4·4
	Khetwady	4th	1	·9	20	3·7	1	·4	22	2·4	206	3·7	82	4·1	124	3·2	35	3·3	22	3·9	240	3·7	709	3·6	731	3·6
	Girgaum.....	4th	1	·9	32	5·9	13	4·8	46	5·0	196	3·5	79	4·0	110	2·9	15	1·4	17	3·0	240	3·7	657	3·4	703	3·4
D	Chaopatee	1st	2	1·9	9	1·6	4	1·5	15	1·6	49	·9	30	1·5	32	·8	5	·5	7	1·2	88	1·4	211	1·1	226	1·1
	Walkeshwar ...	2nd	...	...	6	1·1	...	...	6	·6	43	·8	14	·7	25	·6	8	·7	4	·7	59	·9	153	·8	159	·8
	Mahaluxmee...	3rd	1	·9	5	·9	9	3·3	15	1·6	69	1·2	24	1·2	42	1·1	15	1·4	7	1·2	74	1·2	231	1·2	246	1·2
E	Mazagon	1st	5	4·6	13	2·4	8	3·0	26	2·8	182	3·2	25	1·3	186	3·5	28	2·6	16	2·8	234	3·6	621	3·2	647	3·2
	Tarwaree	2nd	3	2·8	6	1·1	10	3·7	19	2·1	77	1·4	38	1·9	85	2·2	35	3·3	24	4·2	251	3·9	510	2·6	529	2·6
	2nd Nagpada...	3rd	...	...	23	4·2	2	·7	25	2·7	186	2·4	40	2·0	187	3·5	46	4·3	12	2·1	269	4·2	640	3·3	665	3·2
	Kamathipura...	3rd	2	1·9	31	5·7	5	1·9	38	4·1	286	5·1	82	4·1	253	6·6	43	4·0	32	5·6	322	4·9	1018	5·2	1056	5·2
	Tardeo	3rd	5	4·6	22	4·0	12	4·5	39	4·2	119	2·1	45	2·3	62	1·6	25	2·3	25	4·4	157	2·4	433	2·2	472	2·3
	Byculla	3rd	7	6·5	24	4·4	2	·7	33	3·6	258	4·6	71	3·6	179	4·6	73	6·8	28	4·9	266	4·1	875	4·5	908	4·4
	1st Nagpada ...	3rd	1	·9	19	3·5	2	·7	22	2·4	89	1·6	40	2·0	54	1·4	9	·8	6	1·1	96	1·5	294	1·5	316	1·5
	Parell	4th	15	13·9	12	2·2	2	·7	29	3·1	217	3·9	28	1·4	139	3·6	41	3·8	29	5·1	174	2·7	628	3·2	657	3·2
	Sewree	5th	...	...	1	·2	5	1·9	6	·6	58	1·0	5	·3	20	·5	7	·7	6	1·1	26	·4	122	·6	128	·6
F	Sion.....	1st	...	...	2	·4	4	1·5	6	·6	85	1·5	1	·1	68	1·8	46	4·3	12	2·1	78	1·2	290	1·5	296	1·4
	Mahim	2nd	2	1·9	5	·9	5	1·9	12	1·3	107	1·9	9	·4	83	2·2	61	5·7	24	4·2	101	1·6	385	2·0	397	1·9
	Worlee	3rd	2	1·9	9	1·6	10	3·7	21	2·3	95	1·7	8	·4	84	2·2	46	4·3	17	3·0	86	1·3	386	1·7	357	1·7
	Water Division	...	...	...	...	...	22	8·2	22	2·4	24	·4	3	·2	2	·1	5	·5	1	...	20	·3	55	·3	77	·4
Non-resident and Unknown...			...	...	2	·4	6	2·2	8	·9	18	·2	13	·7	8	·2	25	2·3	13	2·3	107	1·7	179	·9	187	·9
	TOTAL...		108	100·0	547	100·0	269	100·0	924	100 0	5612	100·0	1981	100·0	3866	100·0	1070	100·0	570	100·0	6490	100·0	19589	100·0	20518	100·0

DEATHS at different AGES in different LOCALITIES during the year beginning 1st January 1887.

MALES.	A						B						C								D				E										F					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Market.	Mandvee.	Ohnkla.	Oomburkhaze.	Dongree.	Total.	Dhobee Talao.	Phunnswady.	Bhooleshwar.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Total.	Chopatee.	Walkeshwar.	Mahaluxmee.	Total.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Total.	Sion.	Mahim.	Worlee.	Total.	Water Division.	Non-resident and Unknown.	BOMBAY.
Ages.	1	2			3		1	2		3			1	2	3			4			1	2	3		1	2	3				4	5		1	2	3				
Days 1 to 30	4	22	2	38	11	77	54	70	67	85	66	342	74	31	34	39	72	53	40	343	19	10	28	57	41	27	37	62	43	63	31	53	10	337	17	20	20	57	..	4	1267
Months 1 to 6	3	9	2	32	11	57	31	72	74	75	45	297	47	16	52	43	43	31	33	264	8	7	5	21	35	20	36	50	19	46	13	36	4	259	15	21	11	47	..	2	947
,, 7 to 12	4	12	..	46	12	74	55	80	97	76	29	337	47	14	57	61	48	34	26	286	9	9	8	26	35	14	27	50	36	55	17	22	5	261	11	15	13	39	..	..	1023
Years 1 to 2	3	11	1	39	6	60	35	61	70	54	33	253	54	15	34	32	40	38	27	240	8	5	7	20	12	22	28	39	15	41	17	30	2	206	4	6	9	19	..	..	798
,, 2 to 3	2	8	..	9	..	19	19	18	20	27	22	106	22	10	17	13	23	7	14	106	1	1	4	6	11	6	11	14	10	13	10	10	3	88	5	6	9	20	..	1	346
,, 3 to 4	..	8	..	9	4	16	8	13	14	11	5	51	11	4	13	5	12	3	3	51	3	..	2	5	7	3	5	5	5	10	1	10	1	47	3	2	3	8	..	..	178
,, 4 to 5	..	3	..	6	..	9	3	7	6	10	3	29	7	1	1	7	5	4	5	30	2	1	2	5	1	4	2	4	1	6	..	8	1	27	2	5	5	12	..	1	113
,, 5 to 6	..	2	..	4	..	6	2	3	4	5	9	23	3	..	2	6	1	1	3	16	..	..	1	1	2	2	..	2	2	4	2	2	..	16	4	2	2	8	1	..	71
,, 6 to 7	..	1	..	2	1	4	3	6	4	8	2	23	9	2	2	..	2	2	4	21	..	..	..	..	1	1	1	2	3	3	1	..	..	11	5	3	2	10	..	..	69
,, 7 to 8	..	..	..	3	..	3	2	..	5	5	1	13	1	..	1	2	2	2	1	9	..	1	1	2	2	3	1	3	1	3	..	1	..	14	3	1	..	4	..	..	45
,, 8 to 9	..	..	..	..	..	..	1	1	4	2	1	9	2	1	..	..	..	..	3	6	..	..	..	..	1	..	1	..	..	1	1	1	..	5	1	2	2	5	..	1	26
,, 9 to 10	..	..	..	2	..	2	..	1	3	3	1	8	..	..	2	3	3	1	2	11	..	1	..	1	2	..	2	2	..	1	..	1	1	9	1	3	1	5	..	..	36
,, 10 to 12	..	3	..	3	..	6	4	9	5	9	2	29	8	2	2	5	3	4	4	28	..	1	1	2	6	2	2	3	4	9	1	3	..	30	2	1	3	6	..	..	101
,, 12 to 15	..	..	..	4	1	5	9	7	5	7	2	30	6	2	6	1	5	2	7	29	1	1	..	2	9	5	3	6	2	4	2	4	3	38	4	2	1	7	2	..	113
,, 15 to 20	3	6	..	9	3	21	31	23	28	32	14	128	27	13	15	22	14	11	22	124	3	3	3	14	18	11	5	23	9	18	7	17	4	112	8	7	7	22	9	10	440
,, 20 to 25	10	14	..	21	14	59	32	25	40	60	33	190	44	11	30	20	31	19	24	179	5	7	12	24	19	26	15	25	21	33	7	28	1	175	5	8	12	25	17	14	683
,, 25 to 30	2	11	1	13	16	43	24	20	40	40	14	138	44	15	30	20	32	22	22	185	9	7	7	23	23	24	14	34	15	29	6	19	4	168	10	15	10	35	12	18	622
,, 30 to 35	8	4	1	14	5	32	33	31	39	37	25	165	34	4	20	24	26	19	14	141	6	3	11	20	16	29	16	28	8	19	9	19	7	151	9	7	10	26	7	26	568
,, 35 to 40	8	11	..	14	11	44	33	28	27	49	20	157	31	11	44	34	19	20	20	179	8	8	11	27	18	38	29	39	11	17	8	23	4	187	7	14	11	32	6	23	655
,, 40 to 45	3	5	1	18	..	27	25	20	26	38	10	119	32	8	18	18	10	13	13	112	3	3	4	10	15	9	11	19	5	6	2	9	3	79	4	8	6	18	5	13	388
,, 45 to 50	1	10	1	22	2	36	34	32	23	39	19	147	30	16	32	21	28	18	21	166	7	9	5	21	20	21	16	28	8	16	7	21	3	140	11	18	10	39	6	13	567
,, 50 to 55	3	1	1	18	2	25	19	24	22	24	5	94	21	9	22	6	12	12	7	89	4	3	2	9	13	5	5	7	2	7	1	4	3	47	2	5	5	12	2	8	286
,, 55 to 60	1	4	1	20	5	31	34	25	34	51	17	161	24	16	34	24	18	15	18	149	8	6	4	18	10	16	17	34	8	24	9	20	3	142	11	11	12	34	5	14	554
,, 60 to 70	6	6	1	33	..	46	22	29	35	33	8	127	32	12	27	18	12	17	9	127	2	2	5	9	17	8	10	14	7	12	4	5	1	78	14	15	5	34	1	4	426
,, 70 to 80	1	1	..	19	..	21	16	13	20	20	5	74	15	12	22	19	7	13	17	105	3	2	3	13	4	4	16	19	7	13	2	3	3	71	3	7	10	20	1	1	366
Over 80 & upwards	..	..	..	6	..	6	3	3	17	18	3	44	4	1	10	7	6	3	2	33	1	1	3	5	9	3	9	3	2	4	3	4	1	38	5	..	5	10	1	..	137
All Ages....	62	147	12	404	104	729	532	621	729	818	394	3094	629	225	528	449	474	364	360	3029	121	91	129	341	347	303	319	535	244	457	161	353	67	2786	166	204	184	554	74	153	10760

XXXI.

DEATHS at different AGES in different LOCALITIES during the Year beginning 1st January 1887.

FEMALES,	A						B						C								D				E												F				Water Division.	Non-Resident and Unknown.	BOMBAY.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Total.	Dhobee Talao.	Phunuswady.	Bhooleshwar.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Total.	Chopatee.	Walkeshwar.	Mahalurmee.	Total.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Total.	Sion.	Mahim.	Worlee.	Total.			
Ages.	1	2	3				1	2	3				1	2	3			4			1	2	3		1	2	3				4	5		1	2	3				
Days 1 to 30	6	23	..	25	5	58	41	53	45	70	51	280	37	29	38	27	37	41	29	238	11	13	14	38	26	26	35	56	44	57	27	30	9	316	13	16	21	50	..	3	963
Months 1 to 6	1	13	1	28	13	56	44	75	49	67	28	263	30	26	34	44	38	31	23	226	10	7	10	27	30	21	16	46	18	36	20	30	6	223	11	7	15	33	1	1	830
,, 7 to 12	1	15	1	37	15	69	50	89	82	55	41	317	34	15	46	45	46	41	18	245	6	4	13	23	24	18	23	44	24	52	20	30	5	240	10	10	6	26	..	3	923
Years 1 to 2	1	10	1	38	5	52	39	56	58	79	46	278	51	14	43	33	44	32	34	251	8	2	12	22	25	14	22	44	27	47	13	30	2	224	9	10	10	29	..	..	854
,, 2 to 3	..	7	..	16	2	25	19	25	27	37	24	132	24	9	20	14	21	22	13	123	6	3	5	14	13	8	6	17	11	17	7	15	2	96	9	10	9	28	..	..	418
,, 3 to 4	1	5	..	7	2	15	14	15	14	11	4	58	12	2	9	8	8	7	15	61	4	3	2	9	7	2	10	14	4	10	..	5	1	53	1	1	3	5	..	..	201
,, 4 to 5	..	3	..	5	2	10	5	5	9	11	3	31	6	2	9	5	7	3	6	43	..	..	4	4	4	2	4	7	5	5	1	5	1	34	..	5	1	6	..	..	128
,, 5 to 6	..	2	..	3	1	6	2	8	3	4	4	21	3	1	4	2	2	1	1	14	1	2	..	3	3	..	1	6	1	5	..	1	2	19	2	1	3	6	..	..	69
,, 6 to 7	..	..	..	1	2	3	6	4	2	2	..	14	2	1	4	1	6	1	4	19	4	..	1	5	1	3	1	7	2	4	1	4	..	23	2	2	1	5	..	..	69
,, 7 to 8	..	..	..	1	..	1	2	5	8	4	2	21	2	1	..	3	3	..	3	12	..	1	1	2	..	1	..	2	2	..	1	4	1	11	2	1	3	6	..	..	52
,, 8 to 9	2	..	..	2	..	4	3	1	3	6	..	13	2	1	2	..	1	..	1	8	..	..	..	..	1	1	1	1	1	1	1	1	..	8	..	1	..	1	..	..	34
,, 9 to 10	..	..	..	2	1	3	1	3	10	4	3	21	4	1	2	4	2	4	2	19	1	..	1	2	1	2	3	2	1	..	1	2	..	12	1	2	2	5	..	..	62
,, 10 to 12	..	1	..	5	1	7	4	8	12	13	4	41	8	1	3	9	4	6	7	38	1	1	..	2	3	7	7	7	..	3	2	4	..	37	2	2	..	4	..	..	129
,, 12 to 15	1	4	..	6	1	12	16	16	22	13	5	72	6	10	9	8	8	4	6	51	1	2	3	6	6	5	9	9	..	7	3	6	..	45	2	7	3	12	..	..	198
,, 15 to 20	..	12	1	30	9	52	31	41	63	75	10	220	25	17	43	35	33	15	25	193	7	5	10	22	11	9	32	24	9	29	6	18	4	142	6	9	4	19	1	1	650
,, 20 to 25	2	6	2	22	10	42	32	45	51	57	18	203	20	9	37	33	27	20	25	171	7	4	5	16	24	17	28	39	13	41	9	15	5	191	3	21	6	30	..	4	657
,, 25 to 30	..	8	1	12	12	33	19	20	49	44	11	152	31	11	42	37	28	25	20	194	4	3	10	17	19	12	32	29	18	22	9	20	2	163	9	14	14	37	..	2	598
,, 30 to 35	..	2	1	7	5	15	16	19	28	20	12	95	27	9	20	17	19	9	14	115	4	1	2	7	6	7	7	20	9	20	3	10	3	85	5	6	11	22	..	3	342
,, 35 to 40	1	2	..	8	3	14	20	23	30	32	20	125	15	11	22	27	15	13	13	116	4	2	6	12	12	24	23	27	7	19	5	14	5	136	8	14	11	33	1	6	443
,, 40 to 45	1	1	..	14	1	17	7	12	13	12	8	52	9	5	16	5	8	7	10	60	3	1	1	5	6	4	5	11	5	8	2	5	1	47	4	3	5	12	..	2	195
,, 45 to 50	1	5	1	9	..	16	14	12	23	34	12	95	23	5	14	14	11	14	9	90	..	4	4	8	6	7	14	14	6	11	4	10	5	77	4	8	8	20	..	3	309
,, 50 to 55	1	1	..	12	1	15	8	8	9	9	2	36	13	3	12	4	6	6	10	54	..	..	..	..	3	3	5	8	1	6	..	2	..	28	2	6	2	10	..	1	144
,, 55 to 60	1	8	..	13	3	25	21	24	20	41	13	119	20	14	22	28	17	15	18	134	6	1	4	11	12	9	26	34	6	16	5	9	4	121	13	7	11	31	..	2	448
,, 60 to 70	..	9	..	28	1	38	16	32	21	30	11	112	27	10	28	24	14	11	15	129	5	4	4	13	21	9	11	26	5	9	9	9	3	102	4	12	8	24	..	2	429
,, 70 to 80	..	3	..	17	2	22	23	22	24	27	12	108	30	12	24	16	16	18	19	135	6	1	5	12	16	13	21	16	6	14	4	15	..	105	5	15	11	31	..	1	416
Over 80 years	..	1	..	11	1	13	14	8	18	19	5	64	10	1	10	8	6	14	4	53	6	4	..	10	16	2	9	11	3	7	2	4	..	54	3	3	3	9	..	..	203
All Ages ..	19	141	9	356	98	623	467	638	693	776	349	2923	471	220	513	451	427	367	343	2792	105	68	117	290	300	226	346	521	228	451	155	304	61	2592	130	193	173	496	3	31	9758

DEATHS at different AGES in different LOCALITIES during the Year beginning 1st January 1887.

PERSONS.	A					B						C								D				E												F					
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.		Markot.	Mandvee.	Chuckla.	Oomburkharee.	Dongree.		Dhobee Talao.	Phunuswady.	Bhooleshwar.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.		Chopatee.	Walkeshwar.	Malabarmee.		Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.		Sion.	Mahim.	Worlee.		Water Division.	Non-Resident and Unknown.	BOMBAY.
Ages.	1		2	3			1	2		3			1	2	3		4				1	2	3		1	2	3					4	5		1	2					
Days 1 to 30	9	45	2	63	16	135	95	123	112	155	117	602	111	60	72	66	109	94	69	581	30	23	42	95	67	53	72	188	87	120	58	89	19	703	30	36	41	107	..	7	2230
Months 1 to 6	4	22	1	60	24	113	75	147	123	142	73	560	77	41	86	87	81	62	56	490	19	14	15	48	65	41	52	96	87	82	33	66	10	482	26	28	26	80	1	3	1777
,, 7 to 12	5	27	1	83	27	143	105	169	179	131	70	654	81	29	103	106	94	75	43	531	15	13	21	49	59	32	50	94	60	107	37	52	10	501	21	25	19	65	..	3	1946
Years 1 to 2	4	21	2	74	11	112	74	117	128	183	79	581	105	29	77	65	84	70	61	491	16	7	19	42	37	36	50	83	42	88	30	60	4	430	13	16	19	48	..	..	1654
,, 2 to 3	2	15	..	25	2	44	38	43	47	64	46	238	46	19	37	27	44	29	27	229	7	4	9	20	24	14	17	31	21	30	17	25	5	184	14	16	18	48	..	1	764
,, 3 to 4	1	8	..	16	6	31	22	28	28	22	9	109	23	6	22	13	20	10	18	112	7	3	4	14	14	5	16	19	9	20	1	15	2	100	4	3	6	13	..	..	379
,, 4 to 5	..	6	..	11	2	19	6	12	15	21	6	60	13	5	10	12	12	12	11	75	2	1	6	9	5	6	6	11	6	11	1	13	2	61	2	10	6	18	..	1	241
,, 5 to 6	..	4	..	7	1	12	4	11	7	9	13	44	6	1	6	8	3	2	4	30	1	2	1	4	5	2	1	8	3	9	2	3	2	35	6	3	5	14	1	..	140
,, 6 to 7	..	1	..	3	3	7	9	10	6	10	2	37	11	3	6	1	8	3	8	40	4	..	1	5	2	4	2	9	4	7	2	4	..	34	7	5	3	15	..	..	138
,, 7 to 8	..	..	..	4	..	4	4	5	13	9	3	34	3	1	2	4	5	2	4	21	..	2	2	4	2	4	1	5	3	3	1	5	1	25	5	2	3	10	..	..	98
,, 8 to 9	2	..	..	2	..	4	4	2	7	8	1	22	4	2	2	..	1	2	3	14	..	..	..	..	2	1	2	1	1	2	2	2	..	13	1	3	2	6	..	1	60
,, 9 to 10	..	..	..	4	1	5	1	4	13	7	4	29	4	1	4	7	5	5	4	30	1	1	1	3	3	2	5	4	1	1	1	3	1	21	2	5	3	10	..	..	98
,, 10 to 12	..	4	..	8	1	13	8	17	17	22	6	70	16	3	5	14	7	10	11	66	1	2	1	4	13	9	4	10	4	17	3	7	..	67	4	3	3	10	..	..	230
,, 12 to 15	1	4	..	10	2	17	25	23	27	20	7	102	12	12	15	9	13	6	13	80	2	3	3	8	15	10	12	15	2	11	5	10	3	88	6	9	4	19	2	..	311
,, 15 to 20	3	18	1	39	12	73	62	64	91	107	24	348	52	30	58	57	47	26	47	317	15	8	13	36	29	20	37	47	18	47	13	35	8	254	14	16	11	41	10	11	1090
,, 20 to 25	12	20	2	48	24	101	64	70	91	117	51	393	64	20	67	58	58	39	49	350	12	11	17	40	43	43	43	64	34	74	16	43	6	366	8	29	18	55	17	18	1340
,, 25 to 30	2	19	2	25	28	76	43	49	89	84	25	290	75	26	72	57	60	47	42	379	13	10	17	40	42	36	40	63	33	51	15	39	6	331	19	29	24	72	12	20	1220
,, 30 to 35	8	6	2	21	10	47	48	50	67	57	37	260	61	13	40	41	45	28	28	256	10	4	13	27	22	36	23	48	17	39	12	29	10	230	14	13	21	48	7	29	910
,, 35 to 40	9	13	..	22	14	58	53	51	57	81	40	282	46	22	66	61	34	33	33	295	12	10	17	39	30	62	52	66	18	36	13	37	9	323	15	28	22	65	7	29	1098
,, 40 to 45	4	6	1	32	1	44	32	32	39	50	18	171	41	13	34	23	18	20	23	172	6	4	5	15	21	13	16	30	10	14	4	14	4	126	8	11	11	30	5	15	578
,, 45 to 50	2	15	2	31	2	52	48	44	46	73	31	242	53	21	46	36	39	32	30	256	7	18	9	29	26	28	30	42	14	27	11	31	8	217	15	26	18	59	5	16	876
,, 50 to 55	4	2	1	30	3	40	27	32	31	33	7	130	34	12	34	10	18	18	17	143	4	3	2	9	16	8	10	15	3	13	1	6	3	75	4	11	7	22	2	9	430
,, 55 to 60	2	12	1	23	8	56	55	49	54	92	30	280	44	30	56	52	32	30	36	288	14	7	8	29	22	25	43	68	15	40	14	29	7	263	24	18	23	65	5	16	997
,, 60 to 70	6	15	1	61	1	84	40	61	56	63	19	239	59	22	55	42	26	28	24	256	7	6	9	22	38	17	21	40	12	21	13	14	4	180	18	27	13	58	1	6	846
,, 70 to 80	1	4	..	36	2	43	39	35	44	47	17	182	45	24	46	38	22	31	36	240	14	3	8	25	20	17	37	35	13	27	6	14	3	170	8	22	23	53	1	2	722
Over 80 years	..	1	..	17	1	19	17	11	35	37	8	108	14	2	20	15	11	17	6	86	7	5	3	15	25	5	18	14	5	11	5	8	1	92	8	3	8	19	1	..	340
All Ages..	81	288	21	760	202	1352	999	1269	1422	1594	743	6017	1100	445	1041	900	901	731	703	5821	226	159	246	631	647	529	665	1056	472	908	316	657	128	5378	296	397	357	1050	77	187	20513

XXXIII.

DEATHS at different LOCALITIES in different MONTHS, arranged in Quarters, for the Year beginning 1st January 1887.

MALES.	A					B					C						D				E										F				Water Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total exclusive of Still-born.
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Total.	Dhobee Talao.	Phunnuswady.	Bhooleshwar.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Total.	Chaopatee.	Walkeshwar.	Mahaluxmee.	Total.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Total.	Sion.	Mahim.	Worlee.	Total.					
	1		2	3			1	2		3			1	2	3		4				1	2	3		1	2		3			4	5		1	2	3						
January	10	23	1	32	14	80	46	35	57	64	26	228	56	16	57	39	42	34	30	274	8	15	7	30	36	34	30	53	20	43	4	39	7	266	27	19	20	66	7	20	971	43	928
February	5	12	0	30	6	53	34	38	69	61	23	225	50	24	44	39	39	36	33	265	15	8	4	27	30	41	31	52	23	33	16	32	7	265	10	22	14	46	4	7	892	44	848
March	6	13	1	26	10	56	49	57	70	66	41	283	55	29	46	45	41	37	35	298	10	9	10	29	40	25	29	47	18	43	10	35	6	253	10	29	20	59	6	10	984	62	922
Quarter 1st	21	48	2	88	30	189	130	130	196	191	90	736	161	69	157	123	122	107	98	837	33	32	21	86	106	100	90	152	61	119	30	106	20	784	47	70	54	171	17	37	2847	149	2698
April	9	14	0	32	7	62	36	66	55	60	36	253	49	19	51	48	38	21	29	255	9	10	5	24	29	30	31	42	15	44	22	22	7	290	11	14	14	39	4	11	890	43	847
May	4	15	2	54	13	88	43	53	80	80	46	302	55	18	47	39	45	28	29	261	12	9	11	32	18	23	30	33	25	40	12	32	7	284	16	17	14	47	4	13	967	52	915
June	4	8	0	28	1	41	43	42	52	71	40	248	48	16	40	35	34	21	27	221	9	8	7	24	32	23	22	51	19	40	13	23	7	278	14	11	13	38	2	12	816	47	769
Quarter 2nd	17	37	2	114	21	191	122	161	187	211	122	803	152	53	138	122	117	70	85	737	30	27	23	80	79	76	83	126	59	124	47	77	21	852	41	42	41	124	10	36	2673	142	2531
July	4	14	..	33	15	66	38	72	61	76	35	282	57	16	46	34	43	28	36	260	8	2	17	27	43	23	24	35	24	30	8	35	7	229	15	13	16	44	..	8	916	61	855
August	3	18	..	35	17	73	63	79	80	89	31	342	68	24	47	46	39	42	38	302	7	7	15	29	42	30	33	47	33	55	18	40	3	301	14	26	35	75	25	14	1161	83	1078
September	5	13	..	39	6	63	56	60	66	84	38	304	89	18	41	33	52	32	27	292	15	9	13	37	27	22	22	53	16	37	18	34	7	236	18	29	14	61	5	10	1008	67	941
Quarter 3rd	12	45	..	107	38	202	157	211	207	249	104	928	212	58	134	113	134	102	101	854	30	18	45	93	112	75	79	135	73	122	44	109	17	766	47	68	65	180	30	32	3085	211	2874
October	5	5	4	43	11	68	54	55	58	72	39	278	57	21	49	44	52	39	30	292	18	5	16	39	29	28	27	56	33	43	15	23	3	257	13	16	10	39	7	21	1001	77	924
November	7	11	3	35	7	63	46	56	56	67	26	251	43	27	45	33	37	32	31	248	7	10	13	30	21	22	30	45	22	37	19	30	3	229	15	19	16	50	7	13	891	48	843
December	5	7	1	34	8	55	48	49	66	69	38	270	50	19	44	40	42	29	40	264	14	8	14	36	28	29	26	49	13	43	15	38	9	250	12	19	12	43	3	15	936	46	890
Quarter 4th	17	23	8	112	26	186	148	160	180	208	103	799	150	67	138	117	131	100	101	804	39	23	43	105	78	79	83	150	68	123	49	91	15	736	40	54	38	132	17	49	2828	171	2657
Year ..	67	153	12	421	115	768	556	662	770	859	419	3266	675	247	567	475	504	379	385	3232	132	100	132	364	375	330	335	563	261	488	170	383	73	2978	175	234	198	607	74	154	11433	..	..
Still-born	5	6	..	17	11	39	24	41	41	41	25	172	46	12	39	26	30	15	25	193	11	9	8	23	28	27	16	28	17	31	9	30	6	192	9	30	14	53	..	1	..	673	..
Total exclusive of Still-born	62	147	12	404	104	729	532	621	729	818	394	3094	629	235	528	449	474	364	360	3039	121	91	129	341	347	303	319	535	244	457	161	353	67	2786	666	204	184	554	74	153	..	..	10760

XXXIV.

DEATHS at different LOCALITIES in different MONTHS, arranged in Quarters, for the Year beginning 1st January 1887.

FEMALES.	A						B					C								D				E												F							
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Total.	Dhobee Talao.	Phunuswady.	Bhoolcshwar.	Khara Talao.	Koombharwara.	Khotwady.	Girgaum.	Total.	Chnopatee.	Walkeshwar.	Mahaluxmee.	Total.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Total.	Sion.	Mahim.	Worlee.	Total.	Water Division.	Non-resident and Unknown.	Bombay.	Still-born.	Total exclusive of Still-born.
	1		2	3			1	2		3			1	2	3		4				1	2	3		1	2	3				4	5			1	2	3						
January	..	16	2	37	6	61	33	41	49	62	26	211	47	14	51	39	32	38	24	245	5	4	12	21	33	24	28	52	22	41	12	30	1	243	14	18	16	48	..	0	835	42	793
February	1	7	1	19	12	40	36	39	46	63	23	207	35	23	41	34	37	33	34	237	11	8	10	24	35	17	23	49	21	34	19	28	9	235	11	14	14	39	..	2	784	38	746
March	3	19	..	28	5	55	39	63	61	65	28	256	33	21	39	33	39	32	33	230	6	6	10	22	28	20	32	41	17	36	14	22	6	216	12	25	11	48	..	3	830	48	782
Quarter 1st ..	4	42	3	84	23	156	108	143	156	190	77	674	115	58	131	106	108	103	91	712	22	13	32	67	96	61	83	142	60	111	45	80	16	694	37	57	41	135	..	11	2449	128	2321
April	2	9	..	39	3	50	36	52	61	68	41	258	34	20	53	45	35	27	36	250	6	8	11	25	26	27	34	36	18	41	14	29	4	231	13	18	11	42	1	4	861	43	818
May	3	17	..	37	15	72	40	75	74	65	29	283	43	15	43	45	27	41	34	248	8	7	13	28	27	25	18	34	24	45	6	28	3	210	13	6	18	37	..	2	880	56	824
June	1	12	..	41	9	63	40	51	63	58	34	246	32	16	45	44	33	26	28	224	11	5	6	22	21	20	29	45	14	46	9	23	5	212	2	17	12	31	1	2	801	41	760
Quarter 2nd ..	6	38	..	114	27	185	116	178	198	191	104	787	109	51	141	134	95	94	98	722	25	20	30	75	76	72	81	115	56	132	29	80	12	653	28	41	41	110	2	8	2542	140	2402
July	2	10	1	32	8	53	43	57	58	69	31	258	40	26	44	33	33	29	25	239	6	3	18	27	32	23	34	35	20	34	10	22	6	216	21	9	13	43	..	4	840	34	806
August	2	9	1	27	11	50	68	69	82	69	30	318	51	20	49	42	61	35	31	289	14	8	12	34	28	19	28	54	28	44	14	29	6	250	11	30	27	68	..	3	1012	61	951
September	1	11	1	35	11	59	36	63	51	91	38	279	52	21	40	24	35	29	29	230	9	8	8	25	26	28	34	46	18	48	17	30	10	257	17	13	18	48	1	2	901	48	853
Quarter 3rd ..	5	30	3	94	30	162	147	189	191	229	99	855	152	67	133	99	129	93	85	758	29	19	38	86	86	70	96	135	66	126	41	81	22	723	49	52	58	159	1	9	2753	143	2610
October	1	13	..	31	5	50	50	44	65	72	32	263	37	18	46	50	44	40	30	265	10	7	3	20	23	26	34	54	19	36	17	27	4	240	14	18	15	47	..	5	890	40	850
November	1	11	2	27	12	53	38	56	58	63	26	239	35	27	42	36	33	34	29	236	7	9	10	26	19	8	28	41	27	31	15	18	6	193	8	10	17	35	..	4	786	36	750
December	2	12	3	23	10	50	37	52	67	68	24	248	46	14	41	47	31	24	26	229	14	5	8	27	23	28	36	50	16	40	14	43	6	257	5	27	13	45	..	3	859	39	820
Quarter 4th ..	4	36	5	81	27	153	123	152	190	203	82	750	118	59	129	133	108	98	85	730	31	21	21	73	65	57	98	151	62	107	46	88	16	690	27	55	45	127	..	12	2535	116	2420
Year	19	146	11	373	107	656	494	662	735	813	362	3066	494	235	534	472	440	388	359	2922	107	73	121	301	323	260	358	543	244	476	161	329	66	2760	141	205	185	531	3	40	10279	..	..
Still-born	..	5	2	17	9	33	27	24	42	37	13	143	23	15	21	21	13	21	16	130	2	5	4	11	23	34	12	22	16	25	6	25	5	168	11	12	12	35	..	6	..	520	..
Total exclusive of Still-born	19	141	9	356	98	623	467	638	693	776	349	2923	471	220	513	451	427	367	343	2792	105	68	117	290	300	226	346	521	228	451	155	304	61	2592	130	193	173	496	3	34	..	..	9763

XX

DEATHS at different LOCALITIES in different MONTHS, arranged in

PERSONS.	A						B						C				
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Total.	Dhobee Talao.	Phunuswady.	Bhooleshwar.	Khara Talao.	Koombharwara.
	1		2		3		1	2		3			1		2	3	
January	10	39	3	69	20	141	79	76	106	126	52	439	103	30	108	78	74
February	6	19	1	49	18	93	70	77	115	124	46	432	85	47	85	73	76
March.....	9	32	1	54	15	111	88	120	131	131	69	539	88	40	95	78	80
Quarter 1st..	25	90	5	172	53	345	237	273	352	381	167	1410	276	117	288	229	230
April	11	23	..	68	10	112	72	118	116	128	77	511	83	39	104	93	73
May	7	32	2	91	28	160	83	128	154	145	75	585	98	33	90	84	72
June	5	20	..	69	10	104	83	93	115	129	74	494	80	32	85	79	67
Quarter 2nd..	23	75	2	228	48	376	238	339	385	402	226	1590	261	104	279	256	212
July	6	24	1	65	23	119	81	129	119	145	66	540	106	42	90	67	76
August	5	27	1	62	28	123	131	148	162	158	61	660	117	44	96	88	100
September	6	24	1	74	17	122	92	123	117	175	76	583	141	39	81	57	87
Quarter 3rd..	17	75	3	201	68	364	304	400	398	478	203	1783	364	125	267	212	263
October.....	6	18	4	74	16	118	104	99	123	144	71	541	94	39	95	94	96
November.....	8	22	5	62	19	116	82	112	114	130	52	490	78	54	87	69	70
December.....	7	19	4	57	18	105	85	101	133	137	62	518	96	33	85	87	73
Quarter 4th..	21	59	13	193	53	339	271	312	370	411	185	1549	268	126	267	250	239
Year ..	86	299	23	794	222	1424	1050	1324	1505	1672	781	6832	1169	472	1101	947	944
Still-born	5	11	2	34	20	72	51	65	83	78	38	315	69	27	60	47	43
Total, exclusive of Still-born..	81	288	21	760	202	1352	999	1259	1422	1594	743	6017	1100	445	1041	900	901

XV.

Quarters, for the Year beginning 1st January 1887.

Khetwady.	Girgaum.	Total.	D: Chaopatee.	D: Walkeshwar.	D: Mahalaxmee.	D: Total.	E: Mazagon.	E: Tarwaree.	E: 2nd Nagpada.	E: Kamathipura.	E: Tardeo.	E: Byculla.	E: 1st Nagpada.	E: Parell.	E: Sewree.	E: Total.	F: Sion.	F: Mahim.	F: Worlee.	F: Total.	Wator Division.	Non-resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of Still-born.
4			1	2	3		1	2	3					4	5		1	2	3						
72	54	519	18	19	19	51	69	58	58	105	42	84	16	69	8	509	41	37	36	114	7	26	1806	85	1721
69	67	502	26	11	14	51	65	58	54	101	44	67	35	60	16	500	21	36	28	85	4	9	1676	82	1594
69	68	518	16	15	20	51	68	45	61	88	35	79	24	57	12	409	22	54	31	107	6	13	1814	110	1704
210	189	1539	55	45	53	153	202	161	173	294	121	230	75	186	36	1478	84	127	95	306	17	48	5296	277	5019
48	65	505	15	18	16	49	57	57	65	78	33	85	36	51	11	473	24	32	25	81	5	15	1751	86	1665
69	63	509	20	16	24	60	45	48	48	67	49	85	18	60	10	430	29	23	32	84	4	15	1847	108	1739
47	55	445	20	13	13	46	53	43	51	96	33	86	22	46	12	442	16	28	25	69	3	14	1617	88	1529
164	183	1459	55	47	53	155	155	148	164	241	115	256	76	157	33	1345	69	83	82	234	12	44	5215	282	4933
57	61	490	14	5	35	54	75	46	38	70	44	64	18	57	13	445	36	22	29	87	..	12	1756	95	1661
77	69	591	21	15	27	63	70	49	61	101	61	99	32	69	9	551	25	56	62	143	25	17	2173	144	2029
61	56	522	24	17	21	62	53	50	56	99	34	85	35	64	17	493	35	42	32	109	6	12	1909	155	1754
195	186	1612	59	37	83	179	198	145	175	270	139	248	85	190	39	1489	96	120	123	339	31	41	5838	394	5444
79	60	557	28	12	19	59	52	54	61	110	52	79	32	50	7	497	27	34	25	86	7	26	1891	117	1774
66	60	484	14	19	23	56	40	30	58	86	49	68	34	48	9	422	23	29	33	85	7	17	1677	84	1593
53	66	493	28	13	22	63	51	52	62	105	29	83	29	81	15	507	17	46	25	88	3	18	1795	85	1710
198	186	1534	70	44	64	178	143	136	181	301	130	230	95	179	31	1426	67	109	83	259	17	61	5363	286	5077
767	744	6144	239	173	253	665	698	590	693	1106	505	964	331	712	139	5738	316	439	385	1138	77	194	21712	..	..
36	41	323	18	14	7	34	51	61	28	50	33	56	15	55	11	360	20	42	26	88	..	7	..	1199	..
731	703	5821	226	159	246	631	647	529	665	1056	472	908	316	657	128	5378	296	397	357	1050	77	187	..	..	20516

XX X

DEATHS in different LOCALITIES in different

Year beginning

RACES AND CASTES.	A						B						C							
	Upper Colaba.	Middle and Lower Colaba.	Fort, Southern.	Fort, Northern.	Esplanade.	Total.	Market.	Mandvee.	Chuckla.	Oomburkharee.	Dongree.	Total.	Dhobee Talao.	Phunuswady.	Bhooleshwar.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Total.
	1		2		3		1	2		3			1.	2	3			4		
Jains	1	3	..	90	5	99	158	251	77	23	6	515	23	16	199	17	19	4	17	295
Brahmins	..	2	..	30	1	33	89	99	15	15	5	223	44	81	77	5	20	16	126	369
Lingnets	..	..	..	..	..	..	1	1	..	..	..	2	..	..	..	2	9	8	..	19
Bhatias	..	..	..	75	3	78	71	97	6	..	..	174	28	1	2	1	1	1	1	35
Hindoos of other Castes	26	227	7	128	52	440	522	657	290	485	641	2595	499	343	312	195	739	458	526	3072
Hindoo Low-castes	15	29	3	57	96	200	10	12	22	57	52	153	116	1	86	87	55	14	20	331
Mussulmans	8	15	3	29	23	81	71	168	1068	1022	56	2385	41	9	443	610	91	129	22	1345
Parsees	1	8	..	358	9	376	104	1	12	6	..	123	256	18	16	12	4	106	6	417
Jews	..	..	3	..	1	4	..	24	7	21	15	67	2	..	..	..	..	..	..	2
Native Christians & Goanese	9	5	..	26	16	50	21	11	1	18	3	54	149	3	2	..	5	25	23	207
Eurasians	4	1	1	1	4	11	..	..	1	3	..	4	6	..	..	..	..	2	1	9
Europeans	22	6	6	6	9	49	1	..	2	2	2	7	1	..	..	..	..	2	1	4
Negro-Africans	..	..	..	..	2	2	1	2	4	18	1	26	..	..	10	16	1	..	..	27
Buddhists	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2
Other and Unknown Castes	..	..	..	..	1	1	1	1	..	2	..	4	3	..	2	2	..	2	1	10
All Races and Castes	86	299	23	794	222	1424	1050	1324	1505	1672	781	6332	1169	472	1101	947	944	767	744	6144
Still-born	5	11	2	31	20	72	51	65	83	78	38	315	69	27	60	47	43	36	41	323
Total exclusive of Still-born	81	288	21	760	202	1352	999	1259	1422	1594	743	6017	1100	445	1041	900	901	731	703	5821

VI.

RACES and CASTES in the CITY of BOMBAY during the 1st January 1887.

D				E										F									
Chaopatee.	Walkeshwar.	Mahaluxmee.	Total.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Total.	Sion.	Mahim.	Worlee.	Total.	Water Division.	Non-Resident and Unknown.	BOMBAY.	Still-born.	Total, exclusive of still-born.
1	2	3		1	2	3					4	5		1	2	3						
1	..	..	1	14	..	2	11	4	10	5	6	2	54	..	..	1	1	..	2	967	39	928
21	14	14	49	10	5	4	16	1	8	15	13	2	74	5	5	6	16	..	2	766	27	739
..	..	..	..	1	..	..	2	..	..	1	1	..	5	..	..	..	..	..	..	26	..	26
..	7	3	10	..	..	..	1	..	1	..	..	..	2	..	2	..	2	..	..	301	16	285
166	92	198	456	411	302	98	623	201	499	246	530	110	3020	155	268	292	715	31	61	10390	529	9861
7	10	7	24	34	39	63	264	195	173	8	67	7	850	38	26	25	89	..	5	1652	112	1540
6	6	6	18	102	141	502	160	60	221	42	45	14	1287	41	55	13	109	32	47	5304	288	5016
27	35	15	77	43	5	..	..	8	3	..	18	..	77	6	4	..	10	..	..	1080	85	995
..	..	..	..	..	1	12	2	1	5	11	..	..	32	..	..	..	..	..	1	106	12	94
10	2	6	18	59	68	5	21	21	29	1	18	4	226	70	74	45	189	2	4	750	53	697
..	..	1	1	12	6	..	1	6	3	..	2	..	30	..	3	..	3	1	8	67	1	66
..	6	2	8	11	21	1	2	8	9	2	11	..	65	1	..	1	2	7	45	187	7	180
..	..	..	..	..	2	6	1	..	2	..	..	..	11	..	..	..	..	4	4	74	1	73
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
1	1	1	3	1	..	..	2	..	1	..	1	..	5	..	2	..	2	..	15	40	29	11
239	173	253	665	698	590	693	1106	505	964	331	712	139	5738	316	439	383	1138	77	194	21712	..	..
13	14	7	34	51	61	28	50	33	56	15	55	11	360	20	42	26	88	..	7	..	1199	..
226	159	246	631	647	529	665	1056	472	908	316	657	128	5378	296	397	357	1050	77	187	..	..	20513

XXX

DEATHS in different OCCUPATIONS from different CAUSES in

Occupation or Trade of Family.	General Diseases.									
	A								B	
	Small-pox.	Measles.	Fever.				Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
			Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.				
CLASS I.—PROFESSIONAL.										
1. General Government.										
(a) *Imperial.*										
1 His Excellency the Governor	...	...	...	...	...	..	...	...	...	...
2 Governor's Family	...	...	...	...	...	...	...	...	...	...
3 Government Officials in Civil employ (including Police)	...	...	...	2	...	8	2	2	...	...
(b) *Local and Municipal Government.*										
4 Persons employed under Municipal and Local Bodies (including Police)	3	...	...	6	...	9	7	...	...	...
(c) *Foreign Governments and Native States.*										
5 Consuls	...	...	...	...	...	...	...	...	...	...
6 Native Chiefs, their Staff and Retinue	...	...	...	1	...	1	...	...	...	...
2. Defence.										
(a) *Army.*										
7 Officers, effective (including Non-Combatants)	...	...	...	...	...	1	...	...	...	...
8 Soldiers	1	1	2	...	1	3	2	...	1	...
9 Army Pensioners, &c.	...	...	...	2	...	2	...	...	...	...
(b) *Navy.*										
10 Naval Officers	...	...	...	...	...	...	...	...	...	...
11 Seamen (Government)	...	...	...	...	...	...	...	...	...	...
12 Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...
3. Learned Professions, &c.										
(a) *Ecclesiastical.*										
13 Ministers of Religion, Priests and persons officiating in Churches, Temples and Mosques, &c.	...	...	...	1	...	1	4	...	...	...
14 Missionaries	...	...	...	...	...	...	...	...	...	...
15 Devotees, Bhikshuks, Fakirs, &c.	...	...	...	...	...	...	...	...	...	...
16 Servants and Officers of Religious Institutions	...	...	...	7	2	32	...	...	...	...
(b) *Law.*										
17 Barristers and Advocates	...	...	...	...	...	2	...	...	...	...
18 Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...
19 Pleaders and Vakils	...	...	...	...	...	...	...	...	...	...
20 Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	...	...	..	...	...	...	...	...

VII.

the City of BOMBAY for the Year beginning 1st January 1887.

Phthisis.	All other Diseases classed under Section B of General Diseases.	Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
		Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Respiratory System.	Digestive System.				Urinary System.	Generative System.	Organs of Locomotion and Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.														
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
4	3	6	...	3	6	3	...	3		1	...	1	...	...	...	2	1	1	1	1	...	50
8	...	3	...	1	11	4	7	4		...	...	1	...	...	...	1	...	...	1	...	...	66
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
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2	2	2	...	...	9	...	1	4		...	...	...	...	...	...	2	...	...	1	...	...	34
...	...	...	...	1	4	1	...	1		1	...	1	...	...	...	1	...	...	...	...	...	14
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	1		...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
3	1	3	...	...	1	1	2	2		...	...	...	...	...	...	...	1	...	...	...	...	20
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
21	1	3	...	1	20	8	3	2		...	1	1	...	...	...	1	...	...	...	...	...	103
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	2		...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	1		1	...	...	...	...	...	...	...	...	...	1	...	3

	Occupation or Trade of Family.	General Diseases.										
		A									B	
		Small-pox.	Measles.	Fever.				Cholera.	All other Diseases classed under Sect. 2 A of General Diseases.		Leprosy.	Dropsy.
				Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.					
	CLASS I.—PROFESSIONAL—*contd.*											
	3. Learned Professions—*contd.*											
	(c) *Medical.*											
21	Physicians and Surgeons (*Licensed*)	...	...	...	..	...	2	...	...		...	...
22	Medical Assistants, &c.	...	...	...	...	...	...	1	...		...	...
23	Vaids, Hakims, and Unlicensed Practitioners.	...	...	...	1	...	5	...	...		...	...
24	Dentists	...	...	...	...	...	...	...	...		...	...
25	Chemists and Druggists	...	...	...	...	...	...	...	...		...	...
26	Midwives and Nurses	...	...	...	...	1	3	...	...		...	1
	(d) *Literature, &c.*											
27	Editors, Authors	...	...	...	...	...	...	...	...		...	...
28	Reporters	...	...	...	...	...	...	...	...		...	...
29	Officers of Literary Institutions	...	...	...	...	...	...	...	...		...	...
	(e) *Artists, &c.*											
30	Painters (*Artists*)	...	...	...	...	...	1	...	...		..	...
31	Sculptors	...	...	...	...	...	...	...	...		...	...
32	Photographers	...	...	...	...	...	...	...	...		...	...
33	Drawing Masters	...	...	...	...	...	...	...	...		...	...
	(f) *Musicians.*											
34	Music Masters and Players	...	...	...	...	...	1	1	...		...	...
	(g) *Actors, &c.*											
35	Actors, Actresses	...	...	...	...	...	...	...	...		...	..
36	Theatre Service	...	...	...	...	...	...	...	...		...	...
37	Dancers, Naikins, &c.	...	...	...	...	...	...	...	...		...	...
38	Jugglers, Snake Charmers, &c.	...	...	...	...	...	...	...	...		...	...
39	Billiard Room Keepers, &c.	...	...	...	...	...	...	..	...		...	...
40	Cricket Club, Gymkhana Service	...	...	...	...	...	...	...	...		...	...
	(h) *Teachers, &c.*											
41	School Masters, Mistresses	...	...	...	...	...	...	..	...		...	..
42	Professors, Teachers, &c.	...	...	...	1	...	...	...	...		...	...
43	Service of Educational Institutions	...	...	...	...	...	...	...	...		...	...
	(i) *Science.*											
44	Civil Engineers	...	...	1	1	...	1	...	...		...	...
45	Museum, &c., Service	...	...	...	...	...	...	...	...		...	...
	CLASS II.—DOMESTIC.											
	4. Omitted.											
46	Hotel and Inn-Keepers ..	...	...	...	...	..	...	...	...		...	...

VII.—*continued.*

B		Local Diseases.										Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.													
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
...	...	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	12
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	1	...	...	3	1	...	...	...	...	...	...	...	...	...	...	...	5
...	2	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	4	...	...	...	...	1	2	2	...	2	2	...	...	...	1	...	...	...	...	...	25
...	2	...	...	...	3	...	2	1	...	2	...	...	...	...	...	...	...	...	...	...	19
...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	7
60																					

	Occupation or Trade of Family.	General Diseases.										
		A										
		Small-pox.	Measles.	Fever.				Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
				Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.				
	CLASS II.—DOMESTIC—*contd.*										
	5. Entertainers, &c.										
	(a) *Board and Lodging.*										
47	Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...
48	Refreshment Houses	...	...	...	...	...	...	...	...	...	...
49	Institution Service, &c.	...	...	...	...	...	...	...	...	...	...
50	Service of Clubs	...	...	...	...	..	...	...	...	...	...
51	Mess Contractors, &c.	...	...	...	...	...	...	...	...	...	...
	(b) *Domestic.*										
52	Indoor Servants	1	1	...	3	...	35	12	...	1	2
53	Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...
54	Dhobis (Washermen)	...	...	...	6	...	15	1	...	...	1
55	Bhistis (Water-carriers)	...	...	...	...	...	9	...	...	...	...
56	Sweepers (of houses, &c.)	...	...	...	..	...	...	3	...	...	...
57	Hotel Service	...	...	...	...	...	...	...	...	...	...
58	Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...
59	Servants not otherwise described	2	...	...	4	...	32	3	...	1	...
	III.—COMMERCIAL.										
	6. Mercantile.										
	(a) *Merchants, &c.*										
60	General Merchants	...	...	2	3	...	3	...	...	...	...
61	Merchants in Cotton	...	...	...	...	...	...	1	...	...	...
62	Merchants in other Special Goods	...	...	...	1	...	1	...	...	...	...
63	Bankers	...	...	...	...	...	3	...	...	...	...
64	Money-lenders	...	...	...	...	...	...	...	...	...	...
65	Service in Banks	...	...	...	...	...	2	...	...	...	...
66	Insurance Office Service	...	...	...	...	...	1	...	...	...	...
67	Commercial Agents, Brokers, &c.	...	...	...	3	...	20	...	1	...	...
68	Salesmen, Bill Collectors, &c.	...	...	...	...	...	...	...	...	...	...
69	Auctioneers, House Agents	...	...	...	...	...	...	...	...	...	...
70	Accountants, Auditors	...	...	...	...	...	...	...	...	...	...
71	Commercial Clerks, &c.	...	...	1	7	...	38	5	1	...	2
72	Notaries Public	...	...	...	...	...	...	...	...	...	...
73	Capitalists, Shareholders	...	...	...	...	...	...	...	...	...	...
74	Emigration Agents	...	...	...	...	...	...	...	...	...	...
75	Pawnbrokers	...	...	...	...	...	...	...	...	...	...
	(b) *Other General Dealers.*										
76	General Dealers and Shopkeepers (*unspecified*)	...	...	...	...	...	4	...	...	...	...
77	Itinerant Retailers	...	...	...	1	...	7	...	1	...	...
78	Pedlars (*Buxwallahs—Borahs*)	...	...	...	...	...	4	...	...	...	...

VII.—*continued.*

B		Local Diseases.											Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.	Digestive System. Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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34	5	8	...	4	36	9	9	7	1	...	1	...	...	...	2	...	3	1	2	...	177
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	1	1	...	1	11	2	4	2	...	...	1	...	...	...	2	...	...	...	...	...	68
2	...	...	...	...	2	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	16
1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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23	5	1	...	3	27	10	14	8	3	...	1	1	...	...	2	...	...	...	...	1	140
5	2	2	...	...	9	4	...	3	...	...	...	...	...	...	...	...	...	2	...	...	35
3	...	...	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	7
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
2	1	...	...	1	1	5	2	1	...	...	...	...	...	...	1	...	...	...	...	...	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
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...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
20	2	4	...	6	22	5	2	11	...	...	...	...	...	...	...	2	...	1	1	...	100
2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3
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...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2
30	2	9	...	8	11	11	5	15	4	1	2	...	...	...	3	6	1	2	2	...	166
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
11	5	...	...	...	1	2	...	1	...	...	...	...	...	...	...	1	...	...	...	...	30
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	10

Occupation or Trade of Family.	General Diseases.									
	A									
	Small-pox.	Measles.	Fever.				Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
			Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.				
CLASS III.—COMMERCIAL—*contd.*										
7. Carriers.										
(a) *On Railways.*										
79 Drivers, Stokers (*A'gwallahs*)	...	...	...	3	..	2	1	1	...	...
80 Station Masters, Clerks, Ticket Collectors	...	...	...	...	...	...	...	...	...	...
81 Guards, Signalmen, Porters, Police	...	...	...	...	1	...	...	...	...	...
82 Agents, Managers, Office Service	...	...	...	...	...	1	...	...	...	...
(b) *On Roads.*										
83 Carriage and Horse Letters, Livery Stable Keepers, &c	...	...	...	...	...	...	...	...	...	...
84 Drivers of Public Vehicles (*Buggywallahs, Shigrawallahs, &c.*)	...	...	...	1	...	7	...	...	...	1
(c) *Omitted.*										
85 Cart Owners and Drivers (*Gádawallahs*)	...	...	...	3	...	25	5		...	...
86 Carriers on Pack Animals (*Wanjáras, &c.*)	...	...	...	...	...	...	...	...	...	...
(d) *On Seas, &c.*										
87 Ship or Boat Owners	...	...	...	...	...	...	...	...	...	...
88 Steam Navigation Service	...	1	...	...	...	1	...	...	...	...
89 Seamen (not Government)	...	...	...	6	...	38	26	...	1	1
90 Pilots	...	...	...	...	...	..	...	...	...	...
91 Boatmen	...	...	...	...	...	3	...	...	...	...
92 Dock and Harbour Officials	...	...	...	...	...	...	...	...	...	...
93 Dock Labourers	...	...	...	1	...	1	...	...	...	...
94 Shipping Surveyors and Agents	...	...	...	...	...	...	...	...	...	...
95 Dubashes	...	...	...	...	...	2	...	...	...	...
(e) *Storage, &c.*										
96 Warehousemen and Storekeepers	...	...	...	...	...	...	...	...	...	...
97 Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...
98 Packers, Weighmen, &c,	...	...	...	...	...	1	...	...	...	...
(f) *Telegraph (Ry.) and Messages.*										
99 Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	...	...	...	...
100 Messengers, Porters, &c. (not Government)	...	...	1	5	...	17	1	...	...	...
CLASS IV.—AGRICULTURE, PASTURE AND DEALINGS WITH ANIMALS, &c.										
8. Agriculture and Pasture, &c.										
(a) *Cultivation and Grazing.*										
101 Occupants and Tenants of Land and Cultivators	...	...	...	1	2	11	1	1	1	2

VII.—*continued.*

B		Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.																
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	TOTAL.
12	3	1	...	3	6	2	1	3	...	...	...	...	...	...	1	1	2	1	1	...	44
2	1	...	...	...	2	...	2	3	...	...	1	...	...	...	...	...	...	...	...	...	11
1	1	2	...	...	...	...	2	3	...	...	...	...	...	...	...	...	...	...	...	...	10
2	...	2	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	7
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
11	...	3	...	1	5	1	...	4	1	...	...	...	...	...	...	1	...	...	...	...	36
15	2	1	...	1	14	4	7	5	1	...	3	...	...	...	1	...	...	6	...	...	93
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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31	5	3	...	2	28	10	2	4	...	...	...	...	...	...	...	...	...	5	2	...	164
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1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	6
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2	...	2	...	...	3	...	1	...	...	1	...	...	...	...	...	...	1	2	1	...	15
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15	3	3	...	1	6	2	3	...	...	...	...	...	...	...	...	1	1	1	...	1	61
10	1	2	...	...	11	9	2	6	1	...	...	...	...	...	1	1	...	1	1	...	65

Occupation or Trade of Family.	General Diseases.									
	A									
	Small-pox.	Measles.	Fever.				Cholera.	All other diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
			Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.				
CLASS IV.—AGRICULTURE, PASTURE, AND DEALINGS WITH ANIMALS, &c.—*contd.*										
8. Agriculture and Pasture, &c.—*contd.*										
(a) *Cultivation and Grazing—contd.*										
102 Occupants and Tenants of Land but not Cultivators	...	...	...	...	...	1	...	...	...	...
103 Farm Day Servants	...	...	...	...	...	...	...	...	...	...
104 Field Labourers	...	...	...	...	...	...	...	...	...	...
105 Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...
(b) *Gardening, &c.*										
106 Gardeners (*Mali* and *Kachia*)	...	...	...	...	...	10	2	...	...	...
107 Growers and Sellers of Flowers and Garlands	...	...	...	...	...	...	...	...	...	...
9. Animals.										
108 Horsedealers, &c.	...	...	...	...	...	1	...	...	...	...
109 Jockey Grooms (not domestic service)	...	...	...	2	...	21	4	1	1	...
110 Veterinary Surgeons, Farriers	...	...	...	...	...	...	...	...	...	...
111 Horse Shoers (*Nalband*)	...	...	...	...	...	...	...	...	...	...
112 Cattle and Sheep Breeders (*Dhangar*, &c. *Wanjari*)	...	...	...	...	...	...	...	...	...	...
Fishers.										
113 Fishermen, &c.	...	...	...	1	2	9	...	...	...	...
114 Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...
115 Leech Dealers	...	...	...	...	...	...	...	...	...	...
CLASS V.—INDUSTRIAL.										
10. Art and Mechanical Productions.										
(a) *Books.*										
116 Booksellers, Publishers	...	...	...	...	...	1	...	...	...	...
117 Bookbinders	...	...	...	...	...	...	...	...	...	...
118 Printers by Steam, Compositors, &c.	...	...	...	3	...	4	3	...	...	...
119 Newspaper Proprietors, &c.	...	...	...	...	...	...	...	...	...	...
120 Do. Agents	...	...	...	...	...	...	...	...	...	...
121 Library or Book Depôt Keepers	...	...	...	...	...	...	...	...	...	...
(b) *Musical Instruments.*										
122 Makers, Tuners, &c., of Musical Instruments.	...	...	...	...	...	...	...	...	...	...
123 Music Sellers, &c.	...	...	...	...	...	...	...	...	...	...

VII.—*continued.*

B.		Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.																
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
2	...	...	...	...	2	2	...	...	..	..	1	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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6	...	3	...	3	14	1	3	3	...	...	...	...	...	...	...	1	...	...	1	...	47
...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
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5	1	3	...	1	7	2	5	4	...	...	1	...	...	...	1	...	...	3	...	1	63
...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
7	...	5	...	2	14	12	3	1	...	...	...	1	...	...	1	...	...	1	1	...	60
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5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
9	1	2	...	2	1	3	1	2	...	...	1	...	...	...	...	1	...	...	2	...	35
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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Occupation or Trade of Family.	General Diseases.									
	A									
	Small-pox.	Measles.	Fever.				Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
			Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.				
CLASS V.—INDUSTRIAL—*contd.*										
10. Art and Mechanical Productions—*ctd.*										
(c) *Prints, Pictures.*										
124 Lithographers	...	...	...	...	...	...	...	...	...	...
125 Print Sellers, Publishers	...	...	...	...	...	...	...	...	...	...
(d) *Carvings, &c.*										
126 Wood Carvers	...	...	...	...	...	2	...	...	...	...
127 Artificial Flower Makers	...	...	...	...	...	...	...	...	...	...
128 Figure Casters (*Otarva*)	...	...	...	1	...	1	...	...	...	...
(e) *Toys, &c.*										
129 Toy and Kite Makers or Sellers	...	...	...	...	...	...	...	...	...	...
130 Billiard Table Makers	...	...	...	...	...	...	...	...	...	...
(f) *Engravings, &c.*										
131 Type Founders	...	...	...	...	...	...	...	...	...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c.	...	...	...	...	...	1	...	...	...	...
(g) *Watches, &c.*										
134 Watch and Clock Makers	...	...	...	...	...	...	...	...	...	...
(h) *Omitted.*										
135 Opticians, &c.	...	...	...	...	...	...	...	...	...	...
(i) *Arms, &c.*										
136 Gunsmiths	...	...	...	...	...	...	...	...	...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	...	...	...	...	1	...	...	...	...
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*										
139 Engine Makers (Fitters, &c.)	...	...	...	...	3	12	...	...	...	...
140 Spinning, Weaving, &c., Machine Makers	...	...	...	...	...	...	...	...	...	...
141 Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...
142 Cutlers and Grinders	...	...	...	...	...	1	1	...	...	...
(l) *Carriages, &c.*										
143 Carriage, Cart, and Palki Makers	...	...	...	...	...	...	...	...	...	...
144 Railway Carriage Makers, Fitters, &c.	...	...	...	...	...	...	...	...	...	...
(m) *Harness.*										
145 Saddle and Harness Makers	...	...	...	...	...	...	...	...	...	...
146 Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...
147 Whip and Stick Makers and Sellers	...	...	...	...	...	...	...	...	...	...

VII.—*continued.*

B		Local Diseases.												Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.	Digestive System.			Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
						Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.													
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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8	1	1	..	..	11	1	2	4	..	1	1	..	..	..	..	1	..	..	..	..	46
..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3
1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2
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61

Occupation or Trade of Family.	General Diseases. A. Small-pox.	Measles.	Fever. Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.	Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*										
10. Art and Mechanical Productions—*ctd.*										
(n) *Boats and Ships.*										
148 Boat and Ship Builders	...	...	...	...	...	...	...	...	...	..
149 Sailmakers	...	...	...	...	...	...	...	...	...	...
150 Ship-Chandlers	...	...	...	...	...	...	...	...	...	...
(o) *Houses and Buildings.*										
151 House-owners, &c.	...	...	...	...	...	...	...	..	...	...
152 Architects	...	...	...	...	...	...	...	...	...	...
153 Surveyors and Draftsmen	...	...	...	...	...	...	...	...	...	...
154 Builders and Contractors	...	...	...	...	...	...	...	...	...	...
155 Carpenters, Joiners, Sawyers	1	...	...	9	...	34	3	...	2	...
156 Masons and Bricklayers	...	...	...	7	2	14	...	...	...	...
157 Tile Turners	...	...	...	...	...	1	...	...	...	...
158 Plumbers	...	...	...	...	...	...	...	...	...	...
159 House and Wall Painters	...	...	...	...	...	2	1	...	...	...
160 Marble Cutters and Dealers	...	...	...	...	..	...	...	...	...	...
(p) *Furniture, &c.*										
161 Furniture Makers and Dealers and Upholsterers	...	...	...	...	...	7	...	...	...	1
162 Carvers and Gilders	...	...	...	...	...	1	...	...	...	...
163 Undertakers and Carriers of Dead Bodies	...	...	...	...	...	...	...	...	...	...
164 Curiosity Dealers	..	...	...	...	...	...	...	...	...	...
(q) *Chemicals and Combustibles.*										
165 Fireworks Makers, &c.	...	...	...	...	...	...	...	...	...	...
166 Matches Makers, &c.	...	...	...	...	...	1	...	...	...	...
167 Saltpetre Makers, &c.	...	...	...	...	...	...	...	...	...	...
168 Ink, &c., Makers	...	...	...	...	...	...	...	...	...	...
11. Textile Fabrics.										
(a) *Wool.*										
169 Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...
170 Blankets and Woollen Makers and Wool Cleaners by *Hand*	...	...	...	...	...	2	...	...	...	...
171 Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...
172 Fullers	...	...	...	...	...	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	...	...	...	...	...	...	...	...

VII.—*continued.*

B		Local Diseases.											Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.															
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion and Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Cause.	TOTAL.
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31	2	8	1	3	27	11	9	14	...	...	1	1	...	...	3	...	1	2	...	...	163
17	1	4	..	1	14	...	6	1	1	...	...	...	...	...	...	...	...	3	...	...	71
5	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
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3	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
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5	...	...	...	...	4	...	...	...	...	...	1	...	...	...	1	1	...	...	...	...	20
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Occupation or Trade of Family.	General Diseases. A										
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued.	Fever. Ague.	Fever. Remittent Fever.	Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*										
11. Textile Fabrics—*contd.*										
(b) *Silk.*										
174 Silk Workers by Hand	...	...	...	1	..	1	...	...	...	..
175 Ditto by Steam	...	...	...	...	...	...	...	...	...	...
176 Silk Dyers	...	...	...	..	...	...	...	...	...	...
177 Silk Makers	...	...	...	1	...	1	...	...	...	...
(c) *Cotton and Flax.*										
178 Cotton Dyers	...	...	...	2	...	3	...	...	...	...
179 Lace Makers, &c.	...	...	...	...	...	1	...	...	...	...
180 Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	...
181 Cotton Spinners, Cleaners and Weavers by Steam	...	...	...	4	1	15	...	...	...	...
182 Cotton Spinners, Cleaners and Weavers by Hand	...	...	...	...	...	1	...	...	...	2
183 Mill Managers, Clerks, &c.	...	...	...	...	...	1	...	...	...	...
184 Calico Printers	...	...	...	...	...	...	1	...	...	...
185 Calenderers	...	...	...	...	...	...	...	...	...	...
(d) *Miscellaneous Workers.*										
186 Spinners and Weavers and Factory Workers (unspecified)	...	...	...	10	...	20	...	...	...	..
187 Embroiderers and Brocade, &c., Makers	...	...	...	...	..	2	...	...	...	1
188 Cotton Goods Sellers, Drapers	...	...	...	2	...	13	...	...	...	1
(e) *Dress.*										
189 Barbers, Hair Dressers, &c.	...	...	...	2	..	14	...	...	...	...
190 Turban, Cap and Hat Makers	...	...	...	...	...	3	1	...	...	...
191 Turban Folders	...	...	...	...	...	1	...	...	...	...
192 Caste-Mark Makers	...	...	..	...	...	...	...	...	...	..
193 Tailors	...	...	...	4	1	26	7	...	...	...
194 Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	1
195 Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...
196 Shoe and Boot Makers	...	...	...	5	1	9	1	...	...	...
197 Button Makers	...	...	...	...	...	...	...	...	...	1
198 Umbrella Makers and Sellers	...	...	...	...	...	1	...	...	...	...
199 Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...
200 Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...
(f) *Jute, Tents, Ropes, &c.*										
201 Workers and Sellers of Jute	...	...	...	1	...	1	1	...	...	...
202 Rope and Cord Makers and Sellers	...	...	...	...	...	1	...	...	...	...
203 Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...
204 Coir Makers and Dealers	...	...	...	...	...	1	...	...	...	...

VII.—*continued.*

B		Local Diseases.											Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Respiratory System.	Digestive System. Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
1	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
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18	...	...	...	...	14	2	2	1	...	...	...	...	...	...	...	...	...	...	...	...	42
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14	1	2	...	...	7	2	1	...	...	...	1	...	...	...	...	...	...	...	...	...	50
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2	1	1	...	1	3	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	11
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53	6	1	...	1	21	9	3	2	...	1	1	1	...	...	2	1	...	...	...	...	133
9	...	1	...	...	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
17	2	4	1	2	8	...	1	4	1	...	1	...	...	...	...	...	...	...	...	...	56
9	...	2	...	4	1	1	2	1	1	...	1	...	...	...	...	1	...	...	...	...	39
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25	1	2	...	3	25	6	2	3	...	...	...	...	...	...	...	...	2	1	...	...	109
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7	1	2	...	...	15	1	2	5	...	...	...	...	...	...	1	1	...	...	...	...	52
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Occupation or Trade of Family.	General Diseases. A									
	Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued	Fever. Ague.	Fever. Remittent Fever.	Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*										
12. Foods, Drinks and Stimulants.										
(a) *Animal Food.*										
205 Cow Keepers, Milk Sellers	...	...	...	6	...	5	...	...	1	1
206 Sellers of Ghee, Butter, Cheese	...	...	...	...	...	...	...	...	...	...
207 Butchers, Slaughtermen and Meat Sellers	...	...	...	2	...	3	...	...	...	...
208 Fowl Sellers (Poulterers)	...	...	...	...	...	1	...	...	...	...
209 Fish Salesmen	...	...	...	...	...	1	...	...	...	...
210 Provision Dealers, Bazaar Suppliers	...	...	...	...	...	...	...	1	...	...
								...	...	...
(b) *Vegetable Food.*										
211 Grain, Pulse and Flour Dealers	...	...	1	3	...	17	1			
212 Millers (*Gola*), (Grinders & Huskers of Grain)	...	...	...	1	...	...	...	...	1	...
213 Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	...	...	...	...	...
214 Bakers	1	...	...	1	...	1	1	...	...	...
215 Sweetmeat Makers & Sellers & Pastry Cooks.	...	...	...	2	1	6	...	...	...	2
216 Fruit and Vegetable Dealers	...	1	...	4	...	8	...	...	...	1
								...	...	...
(c) *Drinks and Stimulants.*										
217 Brewers	...	...	...	...	...	...	...			
218 Wine and Spirit Dealers	...	...	...	...	...	1	...	...	...	..
219 Distillers and Toddy Drawers	...	...	...	2	3	6	3	...	...	...
220 Soda Water, &c., Makers and Dealers	...	...	...	...	...	1	...	...	...	..
221 Sugar and *Gol* Makers and Dealers	...	...	...	...	...	2	...	...	...	...
222 Grocers, Spice Dealers	...	...	...	2	...	14	...	...	...	...
223 Tea Dealers and Tasters	...	...	...	...	...	3	...	...	...	...
224 Tobacco and Snuff Manufacturers and Sellers.	...	..	...	...	...	4	...	...	...	...
225 Opium, Chundool Sellers, &c.	...	...	...	...	...	...	...	...	...	...
226 Bhang, Ganja Sellers	...		...	...	...	...	...	...	...	...
227 Pan and Betel Sellers	...	1	...	...	...	5	...	...	...	...
228 Perfume Makers and Dealers	...	...	...	...	...	1	...	...	..	...
229 Makers and Sellers of Sherbet	...	..	...	...	...	...	...	...	...	..
230 Do. do. Vinegar	...	...	...	...	...	...	...	...	...	...
								..	...	...
13. Animal Substances.										
231 Soap Makers and Sellers	...	...	...	...	...	...	...	...	..	..
232 Comb Makers, &c.	...	...	...	...	...	...	...	...	...	...
233 Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...
234 Ivory Carvers and Dealers	...	...	...	1	...	...	...	...	...	...
								...	...	...
Leather.										
235 Hide and Skin Dealers	...	...	...	...	...	...	...	...	...	...
236 Tanners and Curriers	...	..	...	...	...	...	...	...	...	...
237 Leather Workers and Sellers (not Shoemakers)	...	...	...	...	...	1	...	...	...	...
						1				

VII.—*continued.*

B		Local Diseases.											Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear and Nose.	Circulatory System.	Respiratory System.	Digestive System. Diarrhœa.	Digestive System. Dysentery.	Digestive System. All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion and Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
13	...	2	...	1	9	2	...	1	...	1	1	...	...	...	...	...	...	...	1	...	44
2	...	1	...	...	4	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	8
13	...	1	...	...	5	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	26
1	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
3	1	2	...	1	8	2	...	...	...	2	...	...	...	...	1	...	...	...	1	...	23
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	4	...	1	9	3	...	...	...	1	...	...	...	...	...	2	...	1	2	...	51
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1	...	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2
3	...	2	...	...	5	1	2	...	2	1	1	...	...	...	1	...	...	1	...	...	25
4	1	2	...	...	6	6	2	1	...	...	...	...	...	...	1	...	...	...	...	...	33
16	2	3	...	1	10	5	2	1	...	...	1	...	...	...	1	1	...	...	...	...	56
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8	1	...	...	...	6	2	2	1	...	...	...	...	...	...	...	1	...	2	...	...	37
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3	1	1	...	3	4	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	30
2	...	1	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
3	1	1	...	...	3	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	16
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Occupation or Trade of Family.	General Diseases. A. Small-pox.	Measles.	Fever. Enteric Fever.	Fever. Simple Continued	Fever. Ague.	Fever. Remittent Fever.	Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
CLASS V.—INDUSTRIAL—*contd.*										
14. Vegetable Substances.										
(a) *Gums, Oils, &c.*										
238 Oil Pressers, Oil Cake Makers and Sellers	...	...	...	1	...	6	1	...	...	...
239 Lac Makers	...	...	...	...	...	...	...	...	...	...
(b) *Wood, &c.*										
240 Wood and Timber Dealers	...	...	...	1	...	5	...	...	...	...
241 Wood Turners (*Kantaras*)	..	...	...	...	...	...	...	...	...	..
242 Lacquer Workers	..	...	...	...	...	...	...	...	...	...
243 Bamboo Dealers	...	...	...	...	...	...	...	...	...	...
244 Firewood Sellers	...	...	...	...	...	1	...	...	...	...
245 Coopers	...	...	..	...	...	2	1	...	...	..
246 Broom Makers	...	...	...	...	..	...	...	...	...	...
247 Basket and Cane Workers and Sellers	...	...	...	...	...	1	...	...	...	...
248 Grass and Forage Dealers	...	...	...	2	...	7	1	...	...	...
249 Hay Pressers, &c.	...	...	...	...	...	...	...	...	...	...
250 Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...	...
251 Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...	...
(c) *Paper.*										
252 Rag Dealers	...	...	...	...	...	...	...	...	...	..
253 Paper Makers	...	...	...	...	...	...	...	...	...	...
254 Stationers and Dealers in Paper	...	...	...	...	...	...	...	...	...	...
15. Mineral Substances.										
(a) *Omitted.*										
255 Coal Merchants, Shippers, &c.	...	...	...	...	...	...	...	...	..	...
256 Gas Works Service	...	...	...	...	...	1	...	...	...	...
(b) *Coal.*										
257 Charcoal Sellers, &c.	...	...	...	...	...	...	...	...	...	...
258 Cowdung Cake Sellers	...	...	...	...	...	...	...	...	...	...
(c) *Stone-clay.*										
259 Stone Quarrymen (*Beldars, Valdars, &c.*)	...	...	..	...	...	...	...	...	...	...
260 Stone Cutters (*Patharvats, Salats*)	...	...	...	7	1	4	...	...	...	1
261 Lime Makers and Sellers (*Lunaris, Chunaras, &c.*)	...	...	...	1	...	1	...	...	...	...
262 Brick, &c., Makers	..	...	...	...	...	...	...	...	...	...
263 Railway Earth Workers	...	...	...	...	...	...	...	...	...	...
264 Grindstone Makers and Sellers (*Chaksalis*)	...	...	...	...	...	...	...	...	...	...

VII.—*continued.*

B		Local Diseases.										Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.													
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
6	...	1	...	...	3	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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Occupation or Trade of Family.	General Diseases.									
	A									
	Small-pox.	Measles.	Fever.			Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
			Enteric Fever.	Simple Continued	Ague.	Remittent Fever				
CLASS V.—INDUSTRIAL—*contd.*										
15. Mineral Substances—*contd.*										
(d) *Earthenware.*										
265 Potters	...	...	...	...	...	...	...	...	...	...
266 Hooka Makers and Sellers	...	...	...	...	...	1	...	...	...	...
(e) *Glass.*										
267 China Glass Dealers	...	...	...	...	...	...	..	...	...	..
268 Glass Makers and Sellers	...	...	...	2	...	3	..	...	...	..
269 Bangle Makers and Sellers	...	...	...	...	...	1	..	...	...	...
270 Bead Makers and Sellers (*Maniaris*)	...	...	...	...	...	...	...	...	...	...
(f) *Salt.*										
271 Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...
272 Salt Brokers and Dealers	...	...	...	...	...	...	...	...	...	...
(g) *Water.*										
273 Water Works Service	...	...	...	...	...	...	...	...	...	...
274 Well Sinkers	...	...	...	...	...	...	...	...	...	...
275 Ice Dealers and Makers	...	...	...	...	...	...	...	...	...	...
(h) *Gold, Silver and Jewellery.*										
276 Gold and Silver Smiths	...	...	...	1	...	11	...	...	...	...
277 Precious Stone Dealers, &c	...	...	...	1	...	4	...	...	...	...
278 Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	...
279 Electroplaters	...	...	...	...	...	...	...	...	...	...
280 Plate Dealers, &c	...	...	...	...	...	...	...	...	...	...
281 Assayers (*Choksis*), Dealers in Gold & Sellers	...	...	...	...	...	...	...	...	...	...
282 Gold and Silver Lace Makers	...	...	...	...	...	...	...	...	...	...
283 Wire Drawers, &c.	...	...	...	...	...	1	...	...	...	...
284 Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	...	...	...
(i) *Copper.*										
285 Coppersmiths	...	...	...	5	...	3	...	...	1	...
(k) *Tin.*										
286 Tinmen and Tinware Dealers	1	...	...	1	...	3	...	...	...	...
(l) *Brass.*										
287 Brass Smiths and Dealers in Brass	...	...	...	...	...	...	...	...	...	1
288 Locksmiths (*Kunchgars*)	...	...	...	...	...	...	...	...	...	...
289 Gas Fitters	...	..	...	..	...	...	...	...	...	..
290 Lamp and Lantern Makers	...	..	...	...	...	..	...			

VII.—*continued.*

B		Local Diseases.											Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Respiratory System.	Digestive System. Diarrhœa.	Dysentery.	All other Diseases referred under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
3	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
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4	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
21	2	2	...	1	9	2	3	4	1	...	1	...	...	...	...	1	...	...	...	...	59
1	...	1	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
5	...	3	...	...	6	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	25
7	...	...	...	1	5	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	20
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	Occupation or Trade of Family.	General Diseases.										
		A										
		Small-pox.	Measles.	Fever.				Cholera.	All other Diseases classed under Section A of General Diseases.	Leprosy.	Dropsy.
				Enteric Fever.	Simple Continued.	Ague.	Remittent Fever.				
	CLASS V.—INDUSTRIAL—*contd.*										
	15. Mineral Substances—*contd.*										
	(m) *Iron and Steel.*										
291	Blacksmiths	...	...	...	3	...	6	1	...	...	...
292	Hardware and Iron Mongers	...	...	...	1	...	2	...	...	...	..
293	Nail Makers, &c.	...	...	...	...	...	...	..	...	...	...
	CLASS VI.—OTHERS AND UNSPECIFIED.										
	16. Indefinite.										
	(a) *General Labourers.*										
294	General Labourers and Coolies	12	3	1	101	14	282	42	4	14	3
295	Mechanics, Artizans (unspecified)	...	..	...	...	..	...	...	..	...	...
	(b) *Indefinite.*										
296	Enginemen, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...
297	Factory Labourers (unspecified)	10	...	...	29	5	23	5	2	...	1
298	Shopmen, &c. (unspecified)	...	...	...	...	...	12	3	...	...	...
299	Contractors, &c. (unspecified)	...	...	...	...	...	3	...	...	..	...
300	Millowners, &c. (unspecified)	...	...	...	1	..	...	...	...	...	...
	17. Persons of Independent Means.										
301	Living on Property (funded rents, &c.)	...	...	...	1	1	6	...	1	...	1
302	Pensioners (unspecified)	...	...	...	...	...	5	1	1	...	...
	18. Others.										
303	Mendicants	1	...	...	18	2	48	7	1	26	2
304	Prisoners	...	...	...	...	...	...	...	...	...	...
305	Prostitutes and Pimps	...	...	...	3	...	2	...	...	...	...
306	Others	..	...	...	...	...	3	...	...	...	...
307	Males following no occupation	3	1	2	27	4	113	6	3	9	4
308	Females do. do.	5	5	4	213	38	666	61	98	11	40
309	Children, Males	22	251	1	287	52	1142	20	56	...	6
310	Do. Females	45	282	3	372	49	1133	14	49	1	11
	Total	108	547	19	1227	187	4179	269	224	72	91

VII.—*continued.*

B	Local Diseases.													Conditions not necessarily associated with General or Local Diseases.			Accident and Violence.					
						Digestive System.																
Phthisis.	All other Diseases classed under Section B of General Diseases.	Nervous System.	Diseases of the Eye, Ear, and Nose.	Circulatory System.	Respiratory System.	Diarrhœa.	Dysentery.	All other Diseases registered under Digestive System.	Urinary System.	Generative System.	Organs of Locomotion & Cellular Tissue.	Cutaneous System.	Still-born.	Premature Birth.	Old Age and Debility.	Poison.	General Injuries.	Local Injuries.	Drowning.	Unspecified Causes.	Total.
14	1	1	...	...	2	2	4	1	...	...	...	...	...	...	...	1	...	...	...	...	36
...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
163	20	38	...	13	190	66	45	27	6	6	4	...	...	...	13	11	8	36	6	1	1129
1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	6	1	...	1	34	11	5	9	1	2	2	...	...	...	4	3	3	2	8	...	199
9	1	2	...	1	8	2	1	1	...	1	...	2	...	...	1	...	...	...	...	...	44
5	1	3	...	2	3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	18
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
20	1	5	...	2	8	1	1	2	...	2	...	...	...	...	2	...	...	...	...	...	54
4	1	5	...	2	22	5	3	6	1	...	...	...	...	...	10	...	...	...	...	...	66
72	11	11	...	1	77	68	24	10	1	1	3	1	...	...	22	...	17	4	1	1	430
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	3	3	...	1	8	1	3	1	...	2	1	...	...	...	...	2	...	...	1	...	53
2	1	2	...	1	2	...	1	2	...	...	...	...	...	...	...	...	...	1	2	...	17
72	11	36	...	18	163	52	34	18	10	1	8	1	...	...	65	3	4	5	9	1	683
1207	114	132	...	26	764	199	111	74	14	177	22	3	...	...	174	11	17	10	21	...	4217
93	129	901	2	8	1040	220	93	133	4	...	12	1	675	10	562	3	9	17	8	8	5765
229	144	685	1	11	935	236	96	119	3	2	14	1	524	8	439	2	8	12	8	3	5439
2701	522	1981	5	169	3866	1070	570	588	70	206	97	15	1199	18	1332	67	80	131	86	16	21712

XXXVIII.

DEATHS in different OCCUPATIONS in different QUARTERS in the CITY of BOMBAY during the Year beginning 1st January 1887.

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS I.—PROFESSIONAL.																	
	1. General Government.																	
	(a) *Imperial.*																	
1	His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Governor's Family	...	...	...	..	...	..	...	...	...	...	...	...	...	..	...	...	...
3	Government officials in Civil employ (including Police)	7	5	5	17	6	5	1	12	2	6	5	13	2	4	2	8	50
	(b) *Local and Municipal Government.*																	
4	Persons employed under Municipal and Local Bodies (including Police)	2	1	3	6	2	6	4	12	17	6	4	27	9	5	7	21	66
	(c) *Foreign Governments and Native States.*																	
5	Consuls	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Native Chiefs, their Staff and Retinue	2	...	...	2	...	1	...	1	...	...	...	...	...	...	...	...	3
	2. Defence.																	
	(a) *Army.*																	
7	Officers, effective (including Non-Combatants)	...	...	...	...	...	...	...	...	...	..	...	...	1	1	...	2	2
8	Soldiers	3	3	6	12	3	2	1	6	...	1	2	3	3	6	4	13	34
9	Army Pensioners, &c.	2	3	...	5	1	1	...	2	...	1	1	2	2	2	1	5	14
	(b) *Navy.*																	
10	Naval Officers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	Seamen (Government)	...	...	...	..	1	1	...	2	...	...	...	...	...	...	...	...	2
12	Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	3. LEARNED PROFESSIONS, &c.																	
	(a) *Ecclesiastical.*																	
13	Ministers of Religion, Priests and persons officiating in Churches, Temples, and Mosques, &c.	5	1	1	7	...	...	...	...	2	2	3	7	4	1	1	6	20
14	Missionaries	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	Devotees, Bhikshuks, Fakirs, &c.	8	12	5	25	9	7	7	23	7	14	4	25	9	9	12	30	103
16	Servants and Officers of Religious Institutions.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Law.*																	
17	Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1	2
18	Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	Pleaders and Vakils	...	1	...	1	1	...	...	1	...	...	...	...	...	...	...	...	2
20	Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	1	1	...	...	1	1	...	...	...	...	...	1	...	1	3
	(c) *Medical.*																	
21	Physicians and Surgeons (*Licensed*)	1	...	1	2	...	3	...	3	...	...	...	...	1	...	1	2	7
22	Medical Assistants, &c.	...	2	1	3	...	...	...	...	...	...	1	2	3	1	1	3	9
23	Vaids, Hakims, and Unlicensed Practitioners.	2	2	2	6	1	2	2	5	1	4	1	6	...	...	2	2	19
24	Dentists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	Chemists and Druggists	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	Midwives and Nurses	4	3	...	7	2	2	1	5	1	...	4	5	5	2	2	8	25
	(d) *Literature, &c.*																	
27	Editors, Authors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	Reporters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(e) *Artists, &c.*																	
30	Painters (*Artists.*)	...	...	1	1	...	...	1	1	...	...	...	...	...	...	...	...	2
31	Sculptors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	Photographers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33	Drawing Masters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Musicians.*																	
34	Music Masters and Players	2	...	1	3	3	2	1	6	2	2	4	8	...	2	...	2	19
	(g) *Actors, &c.*																	
35	Actors, Actresses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	Theatre Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	Dancers, Naykins, &c	...	1	2	3	...	1	...	1	...	...	...	...	...	...	...	...	4
38	Jugglers, Snake Charmers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	Billard Room Keepers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	Cricket Club, Gymkhana Service	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1

XXXVIII.—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS I.—PROFESSIONAL—*contd.*																	
	3. Learned Professions, &c.—*contd.*																	
	(h) *Teachers, &c.*	1	...	1	2	...	...	...	...	...	...	...	...	...	...	1	1	3
41	School Masters, Mistresses	...	...	1	1	...	...	...	...	...	...	2	2	...	1	1	2	5
42	Professors, Teachers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43	Service of Educational Institutions																	
	(i) *Science.*	4	1	...	5	...	1	1	2	1	...	3	4	...	1	...	1	12
44	Civil Engineers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
45	Museum, &c., Service																	
	CLASS II.—DOMESTIC.																	
	4. Omitted.																	
	5. Entertainers, &c.																	
	(a) *Board and Lodging.*	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1
46	Hotel and Inn Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
47	Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
48	Refreshment Houses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
49	Institution Service, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50	Service of Clubs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
51	Mess Contractors, &c.																	
	(b) *Domestic.*	19	15	20	54	18	7	8	33	8	23	19	50	15	13	12	40	177
52	Indoor Servants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
53	Service in Stables, &c.	9	9	6	24	10	4	2	16	5	6	4	15	3	4	6	13	68
54	Dhobis (Washermen)	...	2	3	5	2	1	1	4	2	2	...	4	2	...	1	3	16
55	Bhistis (Water-carriers)	1	...	...	1	...	...	...	..	...	4	...	4	...	1	...	1	6
56	Sweepers (of houses, &c.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
57	Hotel Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
58	Keepers of Cook-houses	8	13	8	29	7	13	8	28	15	16	11	42	14	16	11	41	140
59	Servants not otherwise described																	

	CLASS III.—COMMERCIAL.																	
	6. MERCANTILE.																	
	(a) *Merchants, &c.*																	
60	General Merchants	4	5	6	15	4	5	...	9	...	2	2	4	4	1	2	7	35
61	Merchants in Cotton	...	...	...	...	...	3	...	3	2	1	1	4	...	...	...	...	7
62	Merchants in other Special Goods	...	1	1	2	...	...	1	1	...	...	...	...	...	...	...	...	3
63	Bankers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
64	Money-lenders	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1
65	Service in Banks	1	1	...	2	...	...	...	...	...	1	...	1	...	...	...	...	3
66	Insurance Office Service	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
67	Commercial Agents, Brokers, &c.	14	8	12	34	8	8	5	21	6	4	9	19	10	9	7	26	100
68	Salesmen, Bill Collectors, &c.	...	1	...	1	...	1	...	1	...	...	...	...	...	...	1	1	3
69	Auctioneers, House Agents	1	...	...	1	...	...	...	...	...	...	1	1	...	...	...	...	2
70	Accountants, Auditors	1	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	2
71	Commercial Clerks, &c.	23	8	9	40	16	10	5	31	8	15	22	45	12	14	24	50	166
72	Notaries, Public	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
73	Capitalists, Shareholders'	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
74	Emigration Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
75	Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Other General Dealers.*																	
76	General Dealers & Shopkeepers (*unspecified*)	...	1	...	1	1	...	...	1	...	1	1	2	1	...	...	1	5
77	Itinerant Retailers	1	1	...	2	4	4	2	10	6	4	1	11	3	4	...	7	30
78	Pedlars (*Boxwallahs—Borahs*)	3	2	1	6	1	...	...	1	...	...	1	1	2	...	...	2	10
	7. CARRIERS.																	
	(a) *On Railways.*																	
79	Drivers, Stokers (*A'gwallahs*)	5	2	6	13	1	2	2	5	3	6	2	11	5	6	4	15	44
80	Station Masters, Clerks, Ticket Collectors	...	...	1	1	1	2	1	4	3	...	...	3	1	...	2	3	11
81	Guards, Signalmen, Porters, Police	2	...	...	2	...	1	1	2	2	1	2	5	...	1	...	1	10
82	Agents, Managers, Office Service	2	...	1	3	...	...	...	...	1	...	...	1	1	1	1	3	7
	(b) *On Roads.*																	
83	Carriage and Horse Letters, Livery Stable Keepers, &c.	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1
84	Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs*, &c.)	2	3	4	9	5	4	...	9	3	...	2	5	3	9	1	13	36
	(c) *Omitted.*																	
85	Cart Owners & Drivers (*Gádawallahs*)	8	9	10	27	3	9	10	22	9	10	5	24	5	5	10	20	93
86	Carriers on Pack Animals (*Wanjáras*, &c.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

XXXVIII.—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS III.—COMMERCIAL—*contd.*																	
	7. Carriers—*contd.* (d) *On Seas, &c,*																	
87	Ship or Boat Owners	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
88	Steam Navigation Service	1	2	1	4	...	...	1	1	2	1	...	3	...	...	...	...	8
89	Seamen (not Government)	10	12	14	36	8	9	5	22	9	41	16	66	16	13	11	40	164
90	Pilots	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
91	Boatmen	...	...	1	1	1	...	...	1	2	...	1	3	1	...	...	1	6
92	Dock and Harbour Officials	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
93	Dock Labourers	1	1	1	3	2	2	...	4	1	2	2	5	...	2	1	3	15
94	Shipping Surveyors and Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
95	Dubashes	1	1	...	2	2	...	...	2	...	...	...	...	...	...	1	1	5
	(e) *Storage, &c.*																	
96	Warehousemen and Storekeepers	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
97	Keepers of Cotton, &c., Presses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98	Packers, Weighmen, &c.	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
	(f) *Telegraph (Railway) and Messages,*																	
99	Railway and other Telegraph Service (not Government)	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1
100	Messengers, Porters, &c., (not Government)	8	8	11	27	2	4	2	8	3	3	6	12	7	5	2	14	61
	IV.—AGRICULTURE, PASTURE, & DEALINGS WITH ANIMALS, &c.																	
	8. Agriculture and Pasture, &c. (a) *Cultivation and Grazing.*																	
101	Occupants and Tenants of Land and Cultivators	12	2	4	18	6	4	2	12	8	6	3	17	5	7	6	18	65

102	Occupants and Tenants of Land but not Cultivators	4	2	2	8	...	...	...	...	...	...	...	...	...	...	...	...	8
103	Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
104	Field Labourers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
105	Cattle and Sheep Watchers	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	(b) *Gardening, &c.*																	
106	Gardeners (*Máli* and *Káchiá*)	6	3	3	12	5	2	3	10	4	4	6	14	2	4	5	11	47
107	Growers and Sellers of Flowers & Garlands	...	...	...	...	1	...	...	1	1	...	...	1	...	...	...	...	2
	9. ANIMALS.																	
108	Horsedealers, &c.	...	1	1	2	...	...	...	...	...	...	...	...	1	...	...	1	3
109	Jockey Grooms (not domestic service)	12	4	8	24	5	3	1	9	3	8	3	14	6	5	5	16	63
110	Veterinary Surgeons, Farriers	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2
111	Horse Shoers (*Nálband*)	...	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	3
112	Cattle and Sheep Breeders (*Dhangar*, &c.,—*Wanjári*)	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2
	Fishers.																	
113	Fishermen, &c.	8	10	7	25	4	5	...	9	2	9	5	16	4	3	3	10	60
114	Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
115	Leech Dealers	...	...	1	1	...	1	...	1	...	1	...	1	...	...	...	...	3
	V.—INDUSTRIAL.																	
	10. ART & MECHANICAL PRODUCTIONS.																	
	(a) *Books.*																	
116	Booksellers, Publishers	...	...	1	1	...	1	...	1	...	...	...	...	...	...	1	1	3
117	Bookbinders	2	...	...	2	1	...	1	2	...	...	...	...	...	2	1	3	7
118	Printers by Steam, Compositors, &c.	2	2	...	4	3	6	4	13	4	5	5	14	2	2	...	4	35
119	Newspaper Proprietors, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
120	Do. Agents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
121	Library or Book Depôt Keepers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Musical Instruments.*																	
122	Makers, Tuners, &c., of Musical Instruments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
123	Music Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1
	(c) *Prints, Pictures.*																	
124	Lithographers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
125	Print Sellers, Publishers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

XXXVIII.—*continued.*

Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
	January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
CLASS V.—*INDUSTRIAL—contd.*																	
10. Art and Mechanical Productions—*contd.*																	
(d) *Carvings, &c.*																	
126 Wood Carvers	1	1	...	2	1	...	...	1	...	...	1	1	...	...	...	...	4
127 Artificial Flower Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
128 Figure Casters (*Otárva*)	...	...	1	1	...	1	...	1	...	...	2	2	...	...	1	1	5
(e) *Toys, &c.*																	
129 Toy and Kite Makers or Sellers	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
130 Billiard Table Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Engravings, &c.*																	
131 Type Founders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1
(g) *Watches, &c.*																	
134 Watch and Clock Makers	2	...	...	2	1	...	...	1	...	...	1	1	1	1	...	2	6
(h) *Omitted.*																	
135 Opticians, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Arms, &c.*																	
136 Gunsmiths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	1	...	1	...	...	...	...	...	...	1	1	...	...	...	...	2
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*																	
139 Engine Makers (Fitters, &c.)	5	5	4	14	2	2	1	10	1	4	3	8	6	6	2	14	46

140	Spinning, Weaving, &c., Machine Makers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
141	Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
142	Cutlers and Grinders	1	...	...	1	...	...	...	...	...	2	...	2	...	...	...	...	3
	(l) *Carriages, &c.*																	
143	Carriage, Cart, and Palki Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
144	Railway Carriage Makers, Fitters, &c.....	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
	(m) *Harness.*																	
145	Saddle and Harness Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
146	Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
147	Whip and Stick Makers and Sellers.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	(n) *Boats and Ships.*																	
148	Boat and Ship Builders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
149	Sailmakers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
150	Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	(o) *Houses and Buildings.*																	
151	House-owners, &c.....	...	1	...	1	1	...	...	1	...	...	...	...	...	...	...	...	2
152	Architects	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
153	Surveyors and Draftsmen	...	1	...	1	...	...	1	1	...	...	...	...	1	...	...	1	3
154	Builders and Contractors	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
155	Carpenters, Joiners, Sawyers	15	23	15	53	14	20	8	42	12	14	12	38	14	10	6	30	163
156	Masons and Bricklayers	7	5	7	19	6	6	10	22	4	2	6	12	9	6	3	18	71
157	Tile Turners	...	...	2	2	1	2	...	3	2	...	...	2	1	...	1	2	9
158	Plumbers.....	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
159	House and Wall Painters	...	...	...	...	...	...	3	3	2	1	1	4	...	...	1	1	8
160	Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	(p) *Furniture, &c.*																	
161	Furniture Makers and Dealers and Upholsterers	2	3	1	6	3	2	1	6	...	2	2	4	2	...	2	4	20
162	Carvers and Gilders	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	1	2
163	Undertakers and Carriers of Dead Bodies ...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
164	Curiosity Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	(q) *Chemicals and Combustibles.*																	
165	Fireworks Makers, &c.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
166	Matches Makers, &c.....	...	...	...	...	1	...	...	1	...	...	...	...	1	...	...	1	1
167	Saltpetre Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
168	Ink, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

XXXVIII.—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	11. Textile Fabrics.																	
	(a) *Wool.*																	
169	Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
170	Blankets and Woollen Makers and Wool Cleaners by	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
171	Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
172	Fullers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
173	Carpet and Rug Makers and Dealers	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	(b) *Silk.*																	
174	Silk Workers by Hand	1	1	...	2	...	1	...	1	1	1	1	3	...	...	1	1	7
175	Ditto by Steam	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
176	Silk Dyers	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1
177	Silk Makers	...	...	2	2	...	...	1	1	...	...	...	...	...	...	...	...	3
	(c) *Cotton and Flax.*																	
178	Cotton Dyers	3	3	2	8	3	6	4	13	2	8	3	13	3	2	3	8	42
179	Lace Makers, &c.	...	1	...	1	...	...	...	...	...	1	...	1	...	2	...	2	4
180	Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
181	Cotton Spinners, Cleaners and Weavers by Steam	16	6	4	26	2	...	...	2	1	6	7	14	5	1	2	8	50
182	Cotton Spinners, Cleaners and Weavers by Hand	...	...	1	1	...	1	...	1	...	...	...	...	...	...	...	...	2
183	Mill Managers, Clerks, &c.	2	2	2	6	...	2	...	2	...	...	2	2	1	...	...	1	11
184	Calico Printers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
185	Calenderers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	(d) *Miscellaneous Workers.*																	
186	Spinners and Weavers and Factory Workers (unspecified)	17	14	16	47	7	7	7	21	10	15	7	32	11	11	11	33	133
187	Embroiderers and Brocade, &c., Makers	3	3	4	10	1	2	...	3	1	...	...	1	...	1	2	3	17
188	Cotton Goods Sellers, Drapers	6	8	3	17	4	6	2	12	8	4	2	14	3	1	9	13	56
	(e) *Dress.*																	
189	Barbers, Hair Dressers, &c.	5	2	8	15	3	3	1	7	...	1	5	6	5	3	3	11	39
190	Turban, Cap and Hat Makers	1	...	2	3	...	3	...	3	2	2	...	4	...	...	...	...	10
191	Turban Folders	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2
192	Caste-mark Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
193	Tailors	7	8	10	25	10	7	9	26	6	13	11	30	9	12	7	28	109
194	Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
195	Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
196	Shoe and Boot Makers	5	1	4	10	5	7	3	15	1	6	3	10	4	6	7	17	52
197	Button Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
198	Umbrella Makers and Sellers	...	...	...	...	...	...	1	1	...	...	...	...	1	1	...	2	3
199	Shawl Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200	Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Jute, Tents, Ropes, &c.*																	
201	Workers and Sellers of Jute	1	1	...	2	1	1	...	2	...	1	1	2	1	...	...	1	7
202	Rope and Cord Makers and Sellers	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
203	Tent Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
204	Coir Makers and Dealers	1	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	2
	12. Foods, Drinks and Stimulants.																	
	(a) *Animal Food.*																	
205	Cow Keepers, Milk Sellers	2	8	1	11	5	4	5	14	3	4	2	9	6	1	3	10	44
206	Sellers of Ghee, Butter, Cheese	...	...	1	1	...	1	...	1	...	...	2	2	1	3	...	4	8
207	Butchers, Slaughtermen and Meat Sellers	4	3	...	7	1	3	5	9	2	...	1	3	2	1	4	7	26
208	Fowl Sellers (Poulterers)	1	2	...	3	...	1	...	1	...	...	1	1	...	...	...	...	5
209	Fish Salesmen	3	...	5	8	5	3	3	11	2	1	1	4	...	...	...	...	28
210	Provision Dealers, Bazar Suppliers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Vegetable Food.*																	
211	Grain, Pulse and Flour Dealers	1	1	4	6	6	5	3	14	8	6	3	17	4	8	2	14	51
212	Millers (*Golá*), (Grinders and Huskers of Grain)	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...
213	Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	1	..	1	...	1	...	1	...	...	...	...	2
214	Bakers	1	...	4	5	2	3	...	5	4	3	2	9	2	1	3	6	25
215	Sweetmeat Makers and Sellers and Pastry Cooks	4	3	1	8	6	5	4	15	1	...	3	4	3	2	1	6	33
216	Fruit and Vegetable Dealers	6	7	5	18	4	4	7	15	5	5	4	14	3	2	4	9	56

XXXVIII.—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	12. Foods, Drinks and Stimulants—*contd.* (c) *Drinks and Stimulants.*																	
217	Brewers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
218	Wine and Spirit Dealers	...	3	2	5	1	1	2	4	...	1	1	2	1	...	...	1	12
219	Distillers and Toddy Drawers	1	6	2	9	2	2	2	6	3	6	3	12	2	4	4	10	37
220	Soda Water, &c., Makers and Dealers	...	...	...	...	...	...	1	1	...	...	1	1	...	...	1	1	3
221	Sugar and *Gol* Makers and Dealers	1	2	...	3	...	1	...	1	...	...	...	...	...	...	...	...	4
222	Grocers, Spice Dealers	2	4	4	10	1	2	2	5	2	2	2	6	3	4	2	9	30
223	Tea Dealers and Tasters	...	2	...	2	...	...	1	1	2	1	2	5	1	...	...	1	9
224	Tobacco and Snuff Manufacturers & Sellers.	1	4	2	7	...	1	1	2	...	1	2	3	2	1	1	4	16
225	Opium, Chundool Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1
226	Bhang, Gauja Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
227	Pán and Betel Sellers	2	1	1	4	3	...	1	4	1	...	5	6	4	...	1	5	19
228	Perfume Makers and Dealers	...	...	1	1	...	...	1	1	...	...	...	...	...	...	...	...	2
229	Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1
230	Ditto ditto Vinegar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	13. Animal Substances.																	
231	Soap Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
232	Comb Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
233	Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
234	Ivory Carvers and Dealers	...	...	...	...	...	1	...	1	1	...	...	1	...	...	...	...	2
	Leather.																	
235	Hide and Skin Dealers	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	2
236	Tanners and Curriers	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	1	2
237	Leather Workers and Sellers (not Shoemakers)	1	...	...	1	1	...	...	1	...	...	...	...	1	1	...	2	4

	14. Vegetable Substances.																		
	(a) *Gums, Oils, &c.*																		
238	Oil Pressers, Oil Cake Makers and Sellers ...	...	4	...	4	1	2	2	5	5	2	1	8	3	...	1	4		21
239	Lac Makers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	(b) *Wood, &c.*																		
240	Wood and Timber Dealers ...	...	1	2	3	1	1	3	5	1	1	2	4	1	...	2	3		15
241	Wood Turners (*Kantaras*) ...	3	...	...	3	1	...	...	1	...	...	...	...	1	...	...	1		5
242	Lacquer Workers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
243	Bamboo Dealers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
244	Firewood Sellers ...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...		...
245	Coopers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1
246	Broom Makers ...	...	...	...	...	...	...	1	1	...	...	1	1	...	...	1	1		3
247	Basket and Cane Workers and Sellers ...	3	...	...	3	1	...	1	2	...	2	...	2	1	...	1	2		9
248	Grass and Forage Dealers ...	...	2	2	4	1	...	...	1	1	2	3	6	3	2	1	6		17
249	Hay Pressers, &c ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
250	Sellers of Grass for Thatch ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
251	Thatchers (*Chapperband*) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	(c) *Paper.*																		
252	Rag Dealers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
253	Paper Makers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
254	Stationers and Dealers in Paper ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	15. Mineral Substances.																		
	(a) *Omitted.*																		
255	Coal Merchants, Shippers, &c ...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...		1
256	Gas Works Service	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	1		1
	(b) *Coal.*																		
257	Charcoal Sellers, &c ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1
258	Cowdung Cake Sellers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	(c) *Stone-clay.*																		
259	Stone Quarrymen (*Beldars, Valdars, &c.*) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
260	Stone Cutters (*Patharvats, Salats*)	3	2	1	6	2	2	2	6	4	...	1	5	2	4	4	10		27
261	Lime Makers and Sellers (*Lonaris, Chunaras, &c.*) ...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	1		2
262	Brick, &c., Makers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
263	Railway Earth Workers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
264	Grindstone Makers and Sellers (*Chaksalis*) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	(d) *Earthenware.*																		
265	Potters	...	...	...	...	1	1	...	2	...	1	...	1	...	1	2	3		6
266	Hooka Makers and Sellers ...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...		1

XXXVIII.—*continued.*

	Occupation or Trade of Family.	1st Quarter.				2nd Quarter.				3rd Quarter.				4th Quarter.				Total.
		January.	February.	March.	Total.	April.	May.	June.	Total.	July.	August.	September.	Total.	October.	November.	December.	Total.	
	CLASS V.—INDUSTRIAL—*contd.*																	
	15. Mineral Substances—*contd.*																	
	(e) *Glass.*																	
267	China Glass Dealers	...	...	...	...	1	...	...	1	1	...	...	1	...	...	...	...	2
268	Glass Makers and Sellers	...	...	1	1	...	...	1	1	1	3	2	6	1	1	2	4	12
269	Bangle Makers and Sellers	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	1	2
270	Bead Makers and Sellers (*Maniaris*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(f) *Salt.*																	
271	Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
272	Salt Brokers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(g) *Water.*																	
273	Water Works Service	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
274	Well Sinkers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
275	Ice Dealers and Makers	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1
	(h) *Gold, Silver, and Jewellery.*																	
276	Gold and Silver Smiths	8	4	4	16	4	8	4	16	3	3	5	11	5	6	5	16	59
277	Precious Stone Dealers, &c	...	2	5	7	...	...	...	...	1	1	1	3	1	...	...	1	11
278	Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
279	Electroplaters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
280	Plate Dealers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
281	Assayers (*Choksis*), Dealers in Gold, and Sellers	1	...	...	1	...	...	...	...	2	...	...	2	1	2	...	3	6
282	Gold and Silver Lace Makers	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	1	2
283	Wire Drawers, &c	...	...	...	...	...	...	1	1	...	...	...	...	...	...	..	...	1
284	Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	1	1
	(i) *Copper.*																	
285	Coppersmiths	2	2	2	6	1	2	2	5	1	4	2	7	2	4	1	7	25

	(k) *Tin.*																	
286	Tinmen and Tinware Dealers	1	1	3	5	3	2	2	7	4	...	1	5	...	1	2	3	20
	(l) *Brass.*																	
287	Brass Smiths and Dealers in Brass	...	...	1	1	...	...	1	1	...	1	...	1	...	...	...	...	3
288	Locksmiths (*Kunchgars*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
289	Gas Fitters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
290	Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	(m) *Iron and Steel.*																	
291	Blacksmiths	5	2	3	10	4	...	2	6	3	5	4	12	1	3	4	8	36
292	Hardware and Iron Mongers	...	...	1	1	2	1	...	3	1	...	...	1	...	...	1	1	6
293	Nail Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	VI.—OTHERS AND UNSPECIFIED.																	
	16. INDEFINITE.																	
	(a) *General Labourers.*																	
294	General Labourers and Coolies	120	99	93	312	80	79	70	229	103	107	93	303	86	76	123	285	1129
295	Mechanics, Artizans (unspecified)	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
	(b) *Indefinite.*																	
296	Enginemen, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
297	Factory Labourers (unspecified)	21	11	14	46	19	11	11	41	29	34	16	79	12	11	10	33	199
298	Shopmen, &c. (unspecified)	2	2	1	5	3	...	5	8	8	4	12	24	1	2	4	7	44
299	Contractors, &c. (unspecified)	1	2	3	6	1	1	...	2	...	4	1	5	3	2	...	5	18
300	Millowners, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1
	17. PERSONS OF INDEPENDENT MEANS.																	
301	Living on Property (funded rents, &c.)	16	7	4	27	4	1	5	10	2	10	2	14	1	...	2	3	54
302	Pensioners (unspecified)	7	5	5	17	4	3	9	16	7	7	4	18	7	2	6	15	66
	18. OTHERS.																	
303	Mendicants	47	42	32	121	40	27	22	89	32	40	31	103	45	31	41	117	430
304	Prisoners	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
305	Prostitutes and Pimps	1	5	8	14	3	6	4	13	4	6	5	15	4	2	5	11	53
306	Others	...	2	1	3	2	1	3	6	1	1	...	2	1	1	4	6	17
307	Males following no occupation	68	48	63	179	54	38	40	132	45	49	58	152	80	67	73	220	683
308	Females do. do.	347	346	307	1000	311	315	305	931	311	413	371	1095	388	399	404	1191	4217
309	Children, Males	406	402	492	1300	452	549	472	1473	475	616	534	1625	491	434	442	1367	5765
310	Do. Females	388	372	463	1223	498	530	463	1491	477	524	480	1481	470	367	407	1244	5439
	Grand Total	1806	1676	1814	5296	1751	1847	1617	5215	1756	2173	1909	5838	1891	1677	1795	5363	21712

XXX

DEATHS in different OCCUPATIONS in different LOCALITIES

Occupation or Trade of Family.	A					B							
	Colaba.												
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.	
	1		2		3	1	2		3		1		
CLASS I.—PROFESSIONAL.													
1. General Government.													
(a) *Imperial.*													
1 His Excellency the Governor	...	...	...	...	...	...	...	...	...	...	...	...	
2 Governor's Family	...	...	...	...	...	...	...	...	...	...	...	...	
3 Government Officials in Civil employ (including Police)	...	1	1	1	...	2	...	2	1	2	7	...	
(b) *Local and Municipal Government.*													
4 Persons employed under Municipal and Local Bodies (including Police)	...	3	...	...	6	3	...	...	1	1	1	...	
(c) *Foreign Governments and Native States.*													
5 Consuls	...	...	...	...	...	...	...	...	...	...	...	...	
6 Native Chiefs, their Staff and Retinue	...	...	...	...	...	...	...	...	...	...	...	...	
2. Defence.													
(a) *Army.*													
7 Officers, effective (including Non-Combatants)	...	...	...	...	...	...							
8 Soldiers	6	1	...	1	10	1	1	...	...	...	...	...	
9 Army Pensioners, &c.	1	...	...	...	1	1	1	...	2	...	...	...	
(b) *Navy.*									2	...	...	...	
10 Naval Officers	...	...	...	...	...	...	...	...	...	...	...	...	
11 Seamen (Government)	...	...	...	...	...	...	...	...	...	...	...	...	
12 Naval Pensioners, &c.	...	...	...	...	...	...	...	...	...	...	...	...	
3 Learned Professions, &c.													
(a) *Ecclesiastical.*													
13 Ministers of Religion, Priests and persons officiating in Churches, Temples, and Mosques, &c.	...	...	...	7	...	...	1	3	...	...	2	1	
14 Missionaries	...	...	...	...	...	...	...	...	...	...	...	...	
15 Devotees, Bhikshuks, Fakirs, &c.	...	...	...	2	...	12	9	6	7	1	5	7	
16 Servants and Officers of Religious Institutions	...	...	...	...	...	...	...	...	...	...	...	...	
(b) *Law.*													
17 Barristers and Advocates	...	...	...	...	...	...	...	...	...	...	...	...	
18 Solicitors and Attorneys	...	...	...	...	...	...	...	...	...	...	...	...	
19 Pleaders and Vakils	...	...	...	...	...	...	...	...	...	...	...	...	
20 Law Agents, Interpreters, Mukhtiars, Petition Writers, &c.	...	...	...	...	...	...	...	...	1	...	...	...	

IX.

in the CITY of BOMBAY for the Year beginning 1st January 1887.

C					D			E									F			Water Division.	Non-Resident and Unknown.	TOTAL.
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree	Sion.	Mahim.	Worlee.			
2	3		4		1	2	3	1	2	3					4	5	1	2	3			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	1	5	2	1	...	6	1	1	1	...	2	2	3	...	1	1	...	1	2	50
1	1	9	2	1	1	...	1	3	4	1	3	11	3	...	5	...	1	4	...	...	—	66
...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
...	...	...	...	1	...	1	1	1	...	...	...	...	...	...	2	...	1	...	1	...	4	34
...	...	...	...	...	...	...	...	...	...	2	4	1	...	...	...	...	...	...	...	...	1	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	7	...	3	7	1	5	1	2	...	1	1	...	2	1	...	...	2	2	...	2	4	103
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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Occupation or Trade of Family.	A					B							
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chuckla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.
	Upper.	Middle and Lower.										
	1		2		3	1	2		3		1	
CLASS I.—PROFESSIONAL—*contd.*												
3. Learned Professions, &c.—*contd.*												
(c) *Medical.*												
21 Physicians and Surgeons (*Licensed*)	...	...	...	1	...	...	...	1	1	...	...	...
22 Medical Assistants, &c	2	...	...	...	...	...	...	...	1	...	3	...
23 Vaids, Hakims, and Unlicensed Practitioners	...	...	...	1	...	1	2	3	1	...	1	...
24 Dentists	...	...	...	...	...	...	...	...	...	...	...	...
25 Chemists and Druggists	...	...	...	...	...	...	...	...	...	...	...	...
26 Midwives and Nurses	...	1	...	3	2	1	...	...	...	...	3	...
(d) *Literature, &c.*												
27 Editors, Authors	...	...	...	...	...	...	...	...	...	...	...	...
28 Reporters	...	...	...	...	...	...	...	...	...	...	...	...
29 Officers of Literary Institutions	...	...	...	...	...	...	...	...	...	...	...	...
(e) *Artists, &c.*												
30 Painters (*Artists*)	...	...	...	...	...	...	...	...	...	...	...	...
31 Sculptors	...	...	...	...	...	...	...	...	...	...	...	...
32 Photographers	...	...	...	...	...	...	...	...	...	...	...	...
33 Drawing Masters	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Musicians.*												
34 Music Masters and Players	...	...	...	...	2	...	...	3	1	...	2	1
(g) *Actors, &c.*												
35 Actors, Actresses	...	...	...	...	...	...	...	...	...	...	...	...
36 Theatre Service	...	...	...	...	...	...	...	...	...	...	...	...
37 Dancers, Naykins, &c.	...	...	...	...	...	...	...	...	1	...	...	...
38 Jugglers, Snake Charmers, &c	...	...	...	...	...	...	...	...	...	...	...	...
39 Billiard Room Keepers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
40 Cricket Club, Gymkhana Service	...	...	...	...	...	...	...	...	...	...	...	...
(h) *Teachers, &c.*												
41 School Masters, Mistresses	...	...	...	...	...	...	...	...	...	...	1	...
42 Professors, Teachers, &c.	...	...	...	...	...	...	...	...	1	...	1	...
43 Service of Educational Institutions	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Science.*												
44 Civil Engineers	...	...	1	1	...	...	...	1	...	1	...	...
45 Museum, &c., Service	...	...	...	...	...	...	...	...	...	...	...	...
CLASS II.—DOMESTIC.												
4. Omitted.												
46 Hotel and Inn Keepers	...	...	...	...	...	...	...	...	...	...	...	...

IX.—*continued.*

C					D			E								F					
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Sion.	Mahim.	Worlee.	Water Division.	Non-Resident and Unknown.	TOTAL.
2	3			4	1	2	3	1	2	3					4	5	1	2	3			
1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	7
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	1	1	1	1	...	...	1	...	1	...	...	1	...	...	...	...	...	1	...	1	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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Occupation or Trade of Family.	A					B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.
	Upper.	Middle and Lower.										
	1		2		3	1	2		3		1	
CLASS II.—DOMESTIC—*contd.*												
5. Entertainers, &c.												
(a) *Board and Lodging.*												
47 Lodging-house Keepers	...	...	...	...	...	...	...	...	...	...	...	...
48 Refreshment Houses	...	...	...	...	...	...	...	...	...	...	...	...
49 Institution Service, &c.	...	...	...	...	...	...	...	...	...	...	...	...
50 Service of Clubs	...	...	...	...	...	...	...	...	...	...	...	...
51 Mess Contractors, &c.	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Domestic.*												
52 Indoor Servants	3	1	...	12	1	23	2	6	7	2	41	7
53 Service in Stables, &c.	...	...	...	...	...	...	...	...	...	...	...	...
54 Dhobis (Washermen)	...	1	...	1	...	8	2	2	5	1	1	2
55 Bhistis (Water-carriers)	...	...	...	1	...	...	...	3	7	...	2	...
56 Sweepers (of houses, &c.)	...	...	...	...	...	...	...	...	...	...	...	...
57 Hotel Service	...	...	...	...	...	...	...	...	...	...	...	...
58 Keepers of Cook-houses	...	...	...	...	...	...	...	...	...	...	...	...
59 Servants not otherwise described	...	2	1	5	4	6	10	7	16	7	11	1
CLASS III.—COMMERCIAL.												
6. Mercantile.												
(a) *Merchants, &c.*												
60 General Merchants	...	...	...	2	...	3	3	3	5	...	4	1
61 Merchants in Cotton	...	...	...	2	...	...	5	...	...	...	...	...
62 Merchants in other Special Goods	...	...	...	...	...	1	1	...	...	...	...	...
63 Bankers	...	...	...	1	1	3	1	1	1	...	2	...
64 Money-lenders	...	...	...	...	...	...	...	...	...	...	...	...
65 Service in Banks	...	...	...	...	...	...	...	...	1	...	...	...
66 Insurance Office Service	...	...	1	...	...	...	...	...	...	...	...	...
67 Commercial Agents, Brokers, &c.	...	1	...	24	...	16	17	8	3	2	6	3
68 Salesmen, Bill Collectors, &c.	...	...	...	...	...	1	...	...	...	...	...	...
69 Auctioneers, House Agents	...	...	...	1	...	...	...	...	...	...	1	...
70 Accountants, Auditors	...	...	...	...	...	...	...	13	5	1	18	16
71 Commercial Clerks, &c.	2	1	...	16	1	25	10	...	...	...	...	...
72 Notaries Public	...	...	...	...	...	...	...	...	...	...	...	...
73 Capitalists, Shareholders	...	...	...	...	...	...	...	...	...	...	...	...
74 Emigration Agents	...	...	...	...	...	...	...	...	...	...	...	...
75 Pawnbrokers	...	...	...	...	...	...	...	...	...	...	...	...
(b) *Other General Dealers.*												
76 General Dealers and Shopkeepers (*unspecified*)	...	...	...	1	...	...	2	..	...	...	...	...
77 Itinerant Retailers	...	...	...	1	...	1	2	.0	4	...	1	...
78 Pedlars (*Boxwallahs—Borahs*)	...	...	...	...	...	...	1	6	1	...	..	...

IX.—*continued.*

C					D			E									F			Water Division.	Non-Resident and Unknown.	TOTAL.
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Sion.	Mahim.	Worlee.			
2	3			4	1	2	3	1	2	3					4	5	1	2	3			
...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	5	2	5	12	...	2	...	9	3	6	6	1	6	1	6	1	...	...	...	3	...	177
2	...	5	1	1	...	3	2	3	3	1	6	3	6	2	4	...	...	2	1	...	...	6
...	...	1	...	...	...	1	...	...	1	...	...	3	1	...	1	...	...	...	...	...	...	16
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	3	5	3	7	1	2	2	1	12	2	13	1	5	1	1	...	...	...	...	...	1	140
2	...	...	3	...	1	3	...	1	...	...	...	...	3	...	1	...	...	...	...	...	...	35
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
1	1	1	...	1	...	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	3
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	17
9	3	1	1	...	...	1	...	1	...	1	1	...	1	1	...	...	...	1	...	...	...	1
1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	2	...	...	3
21	1	2	2	13	6	...	1	2	1	1	3	1	1	...	...	...	...	1	2	...	...	166
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
3	2	3	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	...	30
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	13

Occupation or Trade of Family.	A				B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Comburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.
	Upper.	Middle and Lower.										
	1		2		3	1	2		3		1	
CLASS III.—COMMERCIAL—*contd.*												
7. Carriers.												
(a) *On Railways.*												
79 Drivers, Stokers (*Agwallahs*)	...	...	...	...	...	1	...	2	6	3	...	...
80 Station Masters, Clerks, Ticket Collectors	...	...	...	..	...	...	...	...	...	...	1	1
81 Guards, Signalmen, Porters, Police	1	1	...	...	...	...	...	...	1	1	1	...
82 Agents, Managers, Office Service	...	..	...	1	...	...	...	...	...	...	2	...
(b) *On Roads.*												
83 Carriage and Horse Letters, Livery Stable Keepers, &c.	...	...	...	...	...	1	...	...	...	...	...	...
84 Drivers of Public Vehicles (*Buggywallahs, Shigramwallahs, &c.*)	...	1	...	1	...	...	1	7	1	2	3	...
(c) *Omitted.*												
85 Cart Owners and Drivers (*Gadawallahs*)	...	3	...	2	4	1	4	2	5	12	3	2
86 Carriers on Pack Animals (*Wanjaras, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...
(d) *On Seas, &c.*												
87 Ship or Boat Owners	...	...	...	...	...	...	...	...	...	...	...	...
88 Steam Navigation Service	...	...	..	...	...	...	...	1	1	...	1	...
89 Seamen (not Government)	...	...	...	3	3	7	6	12	22	4	2	...
90 Pilots	...	...	...	...	...	...	...	...	...	...	...	...
91 Boatmen	...	...	1	...	...	...	2	...	...	...	...	...
92 Dock and Harbour Officials	...	...	...	...	...	...	...	...	...	...	...	...
93 Dock Labourers	...	...	...	...	...	2	1	1	2	...	2	...
94 Shipping Surveyors and Agents	...	...	...	...	...	...	...	...	...	...	...	...
95 Dubashes	...	...	...	4	...	...	...	...	...	...	1	...
(e) *Storage, &c.*												
96 Warehousemen and Storekeepers	...	..	...	...	...	...	...	...	1	...	...	...
97 Keepers of Cotton, &c., Presses	...	...	...	...	...	..	...	..	...	...	...	...
98 Packers, Weighmen, &c.	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Telegraph (Ry.) and Messages.*												
99 Railway and other Telegraph Service (not Government)	...	...	...	...	...	..	...	...	1	...	...	...
100 Messengers, Porters, &c. (not Government)	1	1	...	1	3	6	4	...	7	1	4	1

IX.—*continued.*

C					D			E								F			Water Division.	Non-Resident and Unknown.	TOTAL.
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Sion.	Mahim.	Worlee.			
2	3		4		1	2	3	1	2	3					4	5	1	2	3			
2	7	1	1	1	...	...	...	3	1	6	...	1	2	2	1	...	1	...	...	1	2	44
...	...	1	...	...	...	...	...	...	2	1	1	...	...	...	...	...	1	...	...	...	3	11
...	...	...	...	...	..	...	...	1	...	...	1	...	1	...	1	...	...	...	...	...	1	10
...	...	...	...	1	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
2	1	3	2	...	1	...	1	...	...	5	3	...	1	...	...	...	...	1	...	...	...	36
2	2	3	13	2	1	1	1	3	9	1	...	2	6	...	5	2	...	...	1	...	1	93
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	8
7	14	1	...	...	2	...	...	5	4	11	1	...	...	...	...	3	...	...	...	54	3	164
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	6
...	...	...	2	...	...	...	...	1	...	...	...	...	2	1	...	...	...	...	...	...	1	15
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
3	...	1	...	3	2	...	3	4	...	4	1	3	5	...	3	...	...	...	...	...	...	61

Occupation or Trade of Family.	A					B								
	Colaba.													
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Deagree.	Dhobee Talao.	Phunuswaree.		
	1		2		3	1	2		3		1			
IV.—AGRICULTURE, PASTURE & DEALINGS WITH ANIMALS, &c.														
8. Agriculture and Pasture, &c.														
(a) *Cultivation and Grazing.*														
101 Occupants and Tenants of Land and Cultivators	3	1	...	...	6	...	1	...	1	...	3	2		
102 Occupants and Tenants of Land but not Cultivators	...	...	...	...	...	...	...	...	...	...	...	...		
103 Farm Day Servants	...	...	...	...	...	...	...	...	...	...	...	...		
104 Field Labourers	...	...	...	...	...	...	...	...	...	...	...	...		
105 Cattle and Sheep Watchers	...	...	...	...	...	...	...	...	...	...	...	...		
(b) *Gardening, &c.*														
106 Gardeners (*Mali* and *Kachia*)	...	...	...	...	...	2	...	...	1	...	2	...		
107 Growers and Sellers of Flowers and Garlands	...	...	...	...	...	...	...	...	...	...	...	...		
9. Animals.														
108 Horse Dealers, &c	...	...	...	...	...	...	...	...	...	...	...	...		
109 Jockey Grooms (not domestic service)	...	4	1	3	...	3	4	5	4	1	5	3		
110 Veterinary Surgeons, Farriers	...	...	...	..	...	...	...	1	...	...	...	...		
111 Horse Shoers (*Nalband*)	...	...	...	...	...	...	...	...	...	...	...	...		
112 Cattle and Sheep Breeders (*Dhangar, &c.,—Wanjari*)	...	...	...	...	...	...	...	...	...	...	...	...		
Fishers.														
113 Fishermen, &c	...	6	...	...	...	...	8	2	...	1	4	...		
114 Shikaries and Bird Catchers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...		
115 Leech Dealers	...	...	...	...	...	...	...	...	...	...	...	...		
V.—INDUSTRIAL.														
10. Art and Mechanical Productions.														
(a) *Books.*														
116 Booksellers, Publishers	...	...	...	...	...	1	...	1	...	...	...	...		
117 Bookbinders	...	...	...	...	...	1	...	...	1	1	1	...		
118 Printers by Steam, Compositors, &c.	1	...	...	3	...	1	...	...	4	3	4	...		
119 Newspaper Proprietors, &c	...	...	...	...	...	...	...	...	...	...	...	...		
120 Ditto Agents	...	...	...	...	...	...	...	...	...	...	...	...		
121 Library or Book Depôt Keepers	...	...	...	...	...	...	...	...	...	...	...	...		
(b) *Musical Instruments.*														
122 Makers, Tuners, &c., of Musical Instruments	...	...	...	...	...	...	...	...	...	...	...	...		
123 Music Sellers, &c.	...	...	...	...	...	...	...	...	...	...	...	...		

IX.—*continued.*

C					D			E									F					
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwadee.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo	Byculla.	1st Nagpada.	Parell.	Sewree.	Siow.	Mahim.	Worlee.	Water Division.	Non-Resident and Unknown.	TOTAL.
2	3		4		1	2	3	1	2	3					4	5	1	2	3			
1	2	3	1	2	...	1	2	2	2	...	1	2	1	...	1	...	18	2	5	...	2	65
...	1	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	5	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
2	...	...	2	...	3	2	3	4	3	1	1	1	...	...	6	1	3	5	5	...	...	47
...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...
...	...	2	1	5	...	3	2	...	1	1	7	2	3	...	1	...	...	...	...	...	2	3
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	63
...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2
...	...	1	...	2	...	...	...	2	1	...	2	...	...	...	...	3	7	8	10	2	1	60
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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3	1	...	1	3	2	...	1	2	1	...	2	...	2	...	1	...	...	1	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Occupation or Trade of Family.	A					B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.
	Upper.	Middle and Lower.										
	1		2		3	1	2		3		1	
CLASS V.—INDUSTRIAL—*contd.*												
10. Art and Mechanical Productions—*contd.*												
(c) *Prints, Pictures.*												
124 Lithographers	...	...	...	...	...	...	...	...	...	...	...	...
125 Print Sellers, Publishers	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Carvings, &c.*												
126 Wood Carvers	...	...	...	...	...	...	...	1	...	...	...	...
127 Artificial Flower Makers	...	...	...	...	...	...	...	...	...	...	...	...
128 Figure Casters (*Otarva*)	...	...	...	...	...	...	...	...	1	...	...	...
(e) *Toys, &c.*												
129 Toy and Kite Makers or Sellers	...	...	...	...	...	...	...	...	1	...	...	...
130 Billiard Table Makers	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Engravings, &c.*												
131 Type Founders	...	...	...	...	...	...	...	...	...	...	...	...
132 Seal Engravers	...	...	...	...	...	...	...	...	...	...	...	...
133 Engravers, &c.	...	...	...	...	...	...	...	...	...	...	1	...
(g) *Watches, &c.*												
134 Watch and Clock Makers	...	...	...	...	...	1	...	...	...	...	1	...
(h) *Omitted.*												
135 Opticians, &c.	...	...	...	...	...	...	...	...	...	...	...	...
(i) *Arms, &c.*												
136 Gunsmiths'	...	...	...	...	...	...	...	...	...	...	...	...
137 Sword Makers and Polishers (*Shikelgars*)	...	...	...	...	...	...	...	...	...	...	...	...
138 Gunpowder Makers	...	...	...	...	...	...	...	...	...	...	...	...
(k) *Machines and Tools.*												
139 Engine Makers (Fitters, &c.)	...	...	...	...	...	1	...	1	5	5	4	1
140 Spinning, Weaving, &c., Machine Makers	...	...	...	...	...	...	...	...	...	...	...	...
141 Tool Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
142 Cutlers and Grinders	1	...	...	...	...	1	...	1	...	...	...	...
(l) *Carriages, &c.*												
143 Carriage, Cart, and Palki Makers	...	...	...	...	...	...	...	...	...	...	...	...
144 Railway Carriage Makers, Fitters, &c.	...	...	...	...	...	...	...	1	...	...	...	...
(m) *Harness.*												
145 Saddle and Harness Makers	...	...	...	...	...	...	...	...	...	...	...	...
146 Saddle Cloth, &c., Makers	...	...	...	...	...	...	...	...	...	...	...	...
147 Whip and Stick Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...

IX.—*continued.*

C					D			E									F					
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Sion.	Mahim.	Worlee.	Water Division.	Non-Resident and Unknown.	TOTAL.
2	3		4		1	2	3	1	2	3					4	5	1	2	3			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	1	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
3	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
2	2	2	3	...	1	...	...	3	1	5	1	...	...	1	3	1	...	1	1	...	2	46
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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Occupation or Trade of Family.	A					B						
	Colaba.											
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.
	1		2		3	1	2		3		1	
CLASS V.—INDUSTRIAL—*contd.*												
10. Art and Mechanical Productions—*contd.*												
(n) *Boats and Ships.*												
148 Boat and Ship Builders	...	...	...	...	...	...	...	...	...	...	...	...
149 Sailmakers	...	...	...	...	...	...	...	...	...	...	...	...
150 Ship-Chandlers	...	...	...	...	...	...	...	...	...	...	...	...
(o) *Houses and Buildings.*												
151 House-owners, &c.	...	...	...	...	...	...	...	2	...	...	...	...
152 Architects	...	...	...	...	...	...	...	...	...	...	...	...
153 Surveyors and Draftsmen	...	...	...	...	...	...	...	...	...	...	...	...
154 Builders and Contractors	...	...	...	...	...	...	...	...	...	...	...	...
155 Carpenters, Joiners, Sawyers	...	1	...	14	...	9	2	14	9	4	9	2
156 Masons and Bricklayers	...	2	...	...	...	...	...	...	2	4	2	3
157 Tile Turners.	...	...	...	...	...	...	...	...	...	...	...	4
158 Plumbers	...	...	...	...	...	1	...	...	...	...	...	...
159 House and Wall Painters	...	...	...	...	...	1	...	...	...	...	1	...
160 Marble Cutters and Dealers	...	...	...	...	...	...	...	...	...	...	...	...
(p) *Furniture, &c.*												
161 Furniture Makers and Dealers and Upholsterers	...	...	...	...	...	2	...	9	1	...	2	...
162 Carvers and Gilders	...	...	...	...	...	...	1	...	...	...	...	...
163 Undertakers and Carriers of Dead Bodies	...	...	...	1	...	...	...	...	...	...	...	...
164 Curiosity Dealers	...	...	...	...	...	...	...	...	...	...	...	...
(q) *Chemicals and Combustibles.*												
165 Fireworks Makers, &c.	...	...	...	...	...	...	...	...	...	1	...	...
166 Matches Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
167 Saltpetre Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
168 Ink, &c., Makers.	...	...	...	...	...	...	...	...	...	...	...	...
11. Textile Fabrics.												
(a) *Wool.*												
169 Blankets and Woollen Makers and Cleaners by Steam	...	...	...	...	...	...	...	...	...	...	...	...
170 Blankets and Woollen Makers and Wool Cleaners by Hand	...	...	...	...	...	1	...	...	...	...	...	...
171 Felt (*Namda*) Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
172 Fullers	...	...	...	...	...	...	...	...	...	...	...	...
173 Carpet and Rug Makers and Dealers	...	...	...	...	...	...	...	1	...	...	...	...

IX.—*continued.*

C					D			E									F			Water Division.	Non-Resident and Unknown.	TOTAL.
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwadee.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Sion.	Mahim.	Worlee.			
2	3		4		1	2	3	1	2	3					4	5	1	2	3			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	4	6	10	12	5	1	3	11	2	3	4	1	4	2	4	3	2	4	8	...	...	163
10	5	6	2	1	...	...	2	2	...	1	19	3	1	...	1	...	2	2	1	...	...	71
...	...	...	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	1	1	2	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	5	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

Occupation or Trade of Family.	A					B							
	Colaba.												
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.
	1		2		3	1	2		3		1	
CLASS V.—INDUSTRIAL—*contd.*												
11. Textile Fabrics—*contd.*												
(b) *Silk.*												
174 Silk Workers by Hand	...	...	...	...	...	1	2	...	2	...	...	...
175 Ditto by Steam	...	...	...	...	...	...	...	...	...	...	...	...
176 Silk Dyers	...	...	...	...	...	...	...	...	...	..	...	...
177 Silk Makers	...	...	..	...	...	1	...	...	1	...	...	...
(c) *Cotton and Flax.*												
178 Cotton Dyers	...	...	...	...	...	1	...	5	1	...	...	...
179 Lace Makers, &c.	...	...	...	...	...	...	...	1	1	...	...	...
180 Tape Makers, &c. (*Raval*)	...	...	...	...	...	...	...	...	...	...	...	...
181 Cotton Spinners, Cleaners and Weavers by Steam	...	4	...	...	...	1	...	...	2	...	2	2
182 Cotton Spinners, Cleaners and Weavers by Hand	...	...	...	...	...	...	...	...	1	...	...	...
183 Mill Managers, Clerks, &c.	...	...	...	1	...	3	...	...	...	...	1	...
184 Calico Printers	...	...	...	...	...	...	...	...	...	...	...	...
185 Calenderers	...	...	...	...	...	...	...	...	...	...	...	...
(d) *Miscellaneous Workers.*												
186 Spinners and Weavers and Factory Workers (unspecified)	1	2	...	...	...	1	2	3	12	5	1	1
187 Embroiderers and Brocade, &c., Makers	..	...	...	...	...	...	1	2	2	...	...	...
188 Cotton Goods Sellers, Drapers	..	..	...	2	...	20	4	4	2	..	6	1
(e) *Dress.*												
189 Barbers, Hair Dressers, &c.	...	...	...	1	1	1						
190 Turban, Cap and Hat Makers	...	...	...	2	...	1	1	1	4	3	1	...
191 Turban Folders	...	...	...	...	...	...	...	...	...	...	1	1
192 Caste-mark Makers	...	...	...	...	...	...	1	...	...	...	1	...
193 Tailors	...	2	...	...	...	5	6	18	8	4	17	3
194 Milliners and Dress Makers	...	...	...	...	...	...	...	...	...	...	...	...
195 Glove and Stocking Makers	...	...	...	...	...	...	...	...	...	...	...	...
196 Shoe and Boot Makers	...	...	...	1	...	3	1	2	5	...	6	...
197 Button Makers	...	...	...	...	...	...	...	...	...	...	...	...
198 Umbrella Makers and Sellers	...	...	...	..	...	...	...	2	...	...	...	...
199 Shawl Makers and Sellers	...	...	...	...	..	...	...	...	...	...	...	...
200 Punkha and Fan Makers	...	...	...	...	...	...	...	...	...	...	...	...
(f) *Jute, Tents, Ropes, &c.*												
201 Workers and Sellers of Jute	...	...	...	...	...	...	6	1	...	...	...	...
202 Rope and Cord Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
203 Tent Makers and Dealers	...	...	..	...	...	...	...	...	...	...	...	...
204 Coir Makers and Dealers	...	...	..	...	...	..	2	...	...	...	...	...

IX.—*continued.*

C					D			E									F					TOTAL.
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwadee.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byoulla.	1st Nagpada.	Parell.	Sewree.	Sion.	Mahim.	Worlee.	Water Division.	Non-Resident and Unknown.	
2	3		4		1	2	3	1	2	3					4	5	1	2	3			
1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
18	1	...	...	..	...	...	...	...	...	1	...	...	1	...	1	...	9	4	...	...	...	42
...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	2	...	3	5	3	...	6	1	2	3	3	2	4	...	3	...	...	...	2	...	...	50
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	3	2	...	...	...	...	...	...	...	...	...	...	...	1	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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2	8	6	7	4	3	...	6	2	8	16	17	9	14	2	...	...	...	1	...	...	...	133
4	3	1	...	1	...	...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	...	17
5	3	3	1	...	...	...	1	...	...	1	...	2	...	...	...	...	...	1	...	...	...	56
3	5	2	2	1	...	...	...	2	...	1	5	2	...	...	1	...	...	...	1	...	1	39
1	...	...	1	...	...	...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	...	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	8	11	5	5	1	...	...	1	2	1	2	1	1	1	1	...	...	1	1	...	...	109
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	11	5	1	2	...	...	...	...	...	3	1	...	5	...	1	...	1	...	...	...	...	52
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	7
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2

	Occupation or Trade of Family.	A				B						
		Colaba.										
		Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.
		1		2	3	1	2			3		1	
	CLASS V.—INDUSTRIAL—*contd.*												
	12. Foods, Drinks and Stimulants.												
	(a) *Animal Food.*												
205	Cow Keepers, Milk Sellers	...	...	...	2	...	...	1	3	5	...	7	2
206	Sellers of Ghee, Butter, Cheese	...	...	...	1	...	1	3	..	...	...	1	...
207	Butchers, Slaughtermen and Meat Sellers	...	...	...	..	...	...	2	8	8	...	2	...
208	Fowl Sellers (Poulterers)	...	...	...	...	...	...	...	3	...	1	...	...
209	Fish Salesmen	...	3	...	...	...	...	3	...	...	2	...	...
210	Provision Dealers, Bazar Suppliers	...	...	...	...	...	...	...	...	...	...	...	...
	(b) *Vegetable Food.*												
211	Grain, Pulse and Flour Dealers	...	...	...	1	...	2	24	1	3	...	1	1
212	Millers (*Gola*), (Grinders & Huskers of Grain)	...	...	...	...	...	1	...	...	...	...	...	...
213	Grain Parchers (*Bhadbhunjas*)	...	...	...	...	...	...	...	...	...	...	...	...
214	Bakers	1	...	...	...	1	1	...	3	4	...	4	...
215	Sweetmeat Makers & Sellers & Pastry Cooks	..	...	...	1	...	3	...	2	8	1	1	1
216	Fruit and Vegetable Dealers	...	...	...	...	...	2	6	6	13	4	3	2
217	Brewers	...	...	...	...	...	...	...	...	...	...	...	...
	(c) *Drinks and Stimulants.*												
218	Wine and Spirit Dealers	...	...	...	2	...	2						
219	Distillers and Toddy Drawers	...	...	...	...	...	1	...	...	1	...	1	...
220	Soda Water, &c., Makers and Dealers	...	...	...	...	...	...	...	...	2	1	2	1
221	Sugar and *Gol* Makers and Dealers	..	...	...	...	...	...	...	...	1	...	...	...
222	Grocers, Spice Dealers	...	...	...	2	...	3	1	1	...	...	...	...
223	Tea Dealers and Tasters	...	...	...	...	...	...	6	4	3	...	2	..
224	Tobacco and Snuff Manufacturers and Sellers	...	...	...	...	...	2	1	1	5	...	...	...
225	Opium, Chundool Sellers, &c	...	...	...	...	...	...	...	1	...	...	...	...
226	Bhang, Ganja Sellers	...	...	...	...	...	...	...	...	...	...	...	...
227	Pán and Betel Sellers	...	...	...	...	...	3	...	1	3	1	...	...
228	Perfume Makers and Dealers	...	...	...	...	...	...	...	...	...	...	...	1
229	Makers and Sellers of Sherbet	...	...	...	...	...	...	...	...	...	...	...	1
230	Ditto ditto Vinegar	...	...	...	...	...	...	...	...	...	...	...	...
	13. Animal Substances.												
231	Soap Makers and Sellers	...	...	...	...	...	...	...	...	...	...	...	...
232	Comb Makers, &c.	...	...	...	...	...	...	...	...	...	...	...	...
233	Bone and Horn Dealers	...	...	...	...	...	...	...	...	...	...	...	...
234	Ivory Carvers and Dealers	...	...	...	...	...	...	1	...	1	...	...	...
	Leather.												
235	Hide and Skin Dealers	...	...	...	...	...	...	...	1	1	...	...	...
236	Tanners and Curriers	...	...	...	...	...	...	...	...	...	...	...	...
237	Leather Workers & Sellers (not Shoemakers)	...	...	...	...	...	...	...	...	1	...	...	...

IX.—*continued.*

C					D			E									F			Water Division.	Non-Resident and Unknown.	TOTAL.
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Chaopatee.	Walkeshwur.	Malabarmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Sion.	Mahim.	Worlee.			
2	3			4	1	2	3	1	2	3					4	5	1	2	3			
1	1	...	4	1	...	...	...	...	2	2	5	2	2	3	1	...	...	...	...	...	...	44
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	1	...	1	...	...	...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	...	26
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	3	1	3	5	...	...	23
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
6	2	1	...	2	...	...	...	2	...	...	2	...	1	...	2	...	...	...	...	...	...	51
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2
...	4	1	...	1	...	...	...	...	1	2	1	...	...	...	...	...	...	1	...	...	...	25
4	4	2	1	...	...	...	...	...	...	1	1	...	1	...	1	...	...	1	...	...	...	33
1	1	2	...	...	...	...	...	2	...	2	1	2	2	1	1	...	2	2	1	...	...	56
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...	...	12
...	...	...	...	...	1	...	...	1	...	3	...	...	...	...	...	...	...	10	15	...	...	37
...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	5	1	2	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	30
...	2	...	...	...	..	...	1	...	1	...	...	...	...	...	..	...	..	...	...	...	...	9
1	1	1	...	1	...	...	...	...	...	2	4	...	...	...	2	...	...	...	..	...	...	16
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	1	3	1	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	19
1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
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...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	2
																						4

Occupation or Trade of Family.	A					B								
	Colaba.													
	Upper.	Middle and Lower.	Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.		
	1		2		3	1	2		3		1			
CLASS V.—INDUSTRIAL—*contd.*														
14. Vegetable Substances.														
(a) *Gums, Oils, &c.*														
238 Oil Pressers, Oil Cake Makers and Sellers	...	...	...	...	...	1	1	2	6	...	1	...		
239 Lac Makers	...	...	...	...	...	...	...	...	...	...	...	...		
(b) *Wood*, &c.														
240 Wood and Timber Dealers	...	...	...	...	...	1	2	6	2	...	...	...		
241 Wood Turners (*Kantaras*)	...	...	...	...	...	...	...	1	...	...	...	...		
242 Lacquer Workers	...	...	...	...	...	...	...	...	...	...	...	...		
243 Bamboo Dealers	...	...	...	...	...	...	...	...	...	...	...	...		
244 Firewood Sellers	...	...	...	...	...	...	...	1	...	...	...	...		
245 Coopers	...	...	...	1	...	...	...	...	...	...	...	...		
246 Broom Makers	...	...	...	...	...	...	...	...	...	...	...	...		
247 Basket and Cane Workers and Sellers	...	...	...	...	...	1	...	1	4	...	1	...		
248 Grass and Forage Dealers	...	...	...	1	...	1	4	1	...	2	...	...		
249 Hay Pressers, &c.	...	...	...	...	...	...	...	...	...	...	...	...		
250 Sellers of Grass for Thatch	...	...	...	...	...	...	...	...	...	...	...	...		
251 Thatchers (*Chapperband*)	...	...	...	...	...	...	...	...	...	...	...	...		
(c) *Paper.*														
252 Rag Dealers	...	...	...	...	...	...	...	...	...	...	...	...		
253 Paper Makers	...	...	...	...	...	...	...	...	...	...	...	...		
254 Stationers and Dealers in Paper	...	...	...	...	...	1	...	...	...	...	...	...		
15. Mineral Substances.														
(a) *Omitted.*														
255 Coal Merchants, Shippers, &c	...	...	...	...	...	...	...	1	...	...	...	...		
256 Gas Works Service	...	...	...	...	...	...	...	...	...	...	...	...		
(b) *Coal.*														
257 Charcoal Sellers, &c	...	...	...	...	...	...	...	...	...	...	...	...		
258 Cowdung Cake Sellers	...	...	...	...	...	...	...	...	...	...	...	...		
(c) *Stone-clay.*														
259 Stone Quarrymen (*Beldars, Valdars*, &c.)	...	...	...	...	...	...	..	...	...	...	...	...		
260 Stone Cutters (*Patharvats, Salats*)	...	...	...	...	...	...	...	...	4	2	...	...		
261 Lime Makers and Sellers (*Lonaris, Chunaras*, &c.)	...	...	...	...	...	...	...	1	...	...	...	...		
262 Brick, &c., Makers	...	...	...	...	...	...	...	...	...	...	..	...		
263 Railway Earth Workers	...	...	...	...	...	...	...	...	...	...	...	...		
264 Grindstone Makers and Sellers (*Chaksalis*)	...	...	...	...	...	...	...	...	...	...	...	...		

IX.—*continued.*

O					D			E								F					
Bhooleshwur.	Khara-Talao.	Koombharwara.	Khetwady.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Parell.	Sewree.	Sion.	Mahim.	Worlee.	Water Division.	Non-Resident and Unknown.	TOTAL.
2	3		4		1	2	3	1	2	3					4	5	1	2	3			
4	2	2	...	...	...	...	...	...	1	1	...	...	...	..	...	...	...	..	...	...	...	21
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
...	2	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1	...	...	15
2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
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...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	1	3	1	...	...	...	..	...	...	...	...	...	1	2	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	1	1	2	...	1	6	1	2	...	1	...	...	...	...
1	3	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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Occupation or Trade of Family.	A					B							
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.	
	Upper.	Middle and Lower.											
	1		2		3	1	2		3		1		
CLASS V.—INDUSTRIAL—*contd.*													
15. Mineral Substances—*contd.*													
(d) *Earthenware.*													
265 Potters	...	...	...	...	...	...	...	...	..	...	...	...	
266 Hooka Makers and Sellers	...	...	...	...	...	...	...	1	...	...	...	...	
(e) *Glass.*													
267 China Glass Dealers	...	...	...	1	...	...	1	...	...	...	...	...	
268 Glass Makers and Sellers	...	...	...	1	...	1	1	8	1	...	...	...	
269 Bangle Makers and Sellers	...	...	...	...	...	1	1	...	...	...	...	...	
270 Bead Makers and Sellers (*Maniaris*)	...	...	...	...	...	...	...	...	...	...	...	...	
(f) *Salt.*													
271 Salt Makers (*Mitagrias, &c.*)	...	...	...	...	...	...	...	...	...	...	...	...	
272 Salt Brokers and Dealers	...	...	...	...	...	...	...	...	...	...	...	...	
(g) *Water.*													
273 Water Works Service	...	...	...	...	...	...	...	...	...	...	...	...	
274 Well Sinkers	...	...	...	...	...	...	...	...	...	...	...	...	
275 Ice Dealers and Makers	...	...	...	...	...	...	...	1	...	...	...	...	
(h) *Gold, Silver, and Jewellery.*													
276 Gold and Silver Smiths	1	...	...	2	...	8	1	3	2	1	9	5	
277 Precious Stone Dealers, &c.	...	...	...	1	...	5	...	1	...	...	...	...	
278 Lapidaries (Stone Cutters)	...	...	...	...	...	...	...	...	...	...	...	...	
279 Electroplaters	...	...	...	...	...	...	...	...	...	...	...	...	
280 Plate Dealers, &c.	...	...	...	...	...	...	...	...	...	...	...	...	
281 Assayers (*Choksis*) Dealers in Gold and Sellers	...	...	...	...	...	1	...	...	3	...	...	...	
282 Gold and Silver Lace Makers	...	...	...	...	...	...	...	...	1	...	...	...	
283 Wire Drawers, &c.	...	...	...	...	...	...	...	...	1	...	...	...	
284 Gold Washers (*Zarekaris* or *Dhuldhoyas*)	...	...	...	...	...	...	...	...	...	...	1	...	
(i) *Copper.*													
285 Coppersmiths	...	...	...	...	...	...	...	1	...	...	...	3	
(k) *Tin.*													
286 Tinmen and Tinware Dealers	...	...	...	...	...	...	2	4	3	...	1	...	
(l) *Brass.*													
287 Brass Smiths and Dealers in Brass	...	...	...	...	...	...	...	...	...	...	...	...	
288 Locksmiths (*Kunchgars*)	...	...	...	...	...	...	...	...	...	...	...	...	
289 Gas Fitters	...	...	...	...	...	...	...	...	...	...	...	...	
290 Lamp and Lantern Makers	...	...	...	...	...	...	...	...	...	...	...	...	

IX.—*continued.*

C					D			E								F			Water Division.	Non-Resident and Unknown.	TOTAL.
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byoulla.	1st Nagpada.	Parell.	Sewree.	Sion.	Mahim.	Worlee.			
2	3		4		1	2	3	1	2	3					4	5	1	2	3			
...	...	3	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
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8	...	8	2	4	...	...	...	...	1	1	1	1	1	1	3	...	...	1	...	...	...	59
3	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
4	...	8	3	2	...	...	...	2	1	...	...	...	...	...	...	...	...	1	...	...	...	25
...	6	1	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	20
...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	3
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
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XXX

Occupation or Trade of Family.	A					B						
	Colaba.		Fort, Southern.	Fort, Northern.	Esplanade.	Market.	Mandvee.	Chukla.	Oomburkharee.	Dongree.	Dhobee Talao.	Phunuswaree.
	Upper.	Middle and Lower.										
	1		2		3	1	2		3		1	
CLASS V.—INDUSTRIAL—*contd.*												
15. Mineral Substances—*contd.*												
(m) *Iron and Steel.*												
291 Blacksmiths	...	...	...	...	...	2	3	12	1	1	1	1
292 Hardware and Iron Mongers	...	...	...	1	...	...	...	...	1	...	...	...
293 Nail Makers, &c	...	...	...	...	...	...	...	...	...	...	...	...
VI.—OTHERS AND UNSPECIFIED.												
16. Indefinite.												
(a) *General Labourers.*												
294 General Labourers and Coolies	7	28	1	21	7	45	62	20	75	87	64	2
295 Mechanics, Artizans (unspecified)	...	...	...	...	...	...	...	...	...	...	1	...
(b) *Indefinite.*												
296 Enginemen, &c. (unspecified)	...	...	...	...	...	...	...	...	...	...	...	...
297 Factory Labourers (unspecified)	...	8	...	1	...	1	...	1	3	1	2	...
298 Shopmen, &c. (unspecified)	...	...	...	2	...	9	2	2	2	2	3	...
299 Contractors, &c. (unspecified)	...	...	...	2	...	...	...	...	...	2	1	...
300 Millowners, &c. (unspecified)	...	...	...	...	...	1	...	...	...	...	...	...
17. Persons of Independent Means.												
301 Living on Property (funded rents, &c.)	...	...	...	2	...	3	3	5	8	4	5	1
302 Pensioners (unspecified)	1	...	...	5	...	2	1	1	1	1	7	10
18. Others.												
303 Mendicants	4	4	...	6	6	10	14	32	47	6	10	3
304 Prisoners	...	...	...	...	...	...	...	...	...	...	...	...
305 Prostitutes and Pimps	...	...	...	...	...	4	1	1	5	...	...	9
306 Others	...	...	...	...	...	1	1	...	...	1	...	1
307 Males following no occupation	11	5	...	37	6	21	22	41	60	17	40	10
308 Females do. do.	6	42	6	176	43	202	253	343	362	99	211	94
309 Children, Males	21	81	5	212	57	247	387	414	417	244	335	109
310 Do. Females	12	88	5	189	57	271	384	384	411	288	244	127
Total	86	299	23	794	222	1050	1324	1505	1672	781	1169	472

IX.—*continued.*

C					D			E								F					
Bhooleshwur.	Khara Talao.	Koombharwara.	Khetwady.	Girgaum.	Chaopatee.	Walkeshwur.	Mahaluxmee.	Mazagon.	Tarwaree.	2nd Nagpada.	Kamathipura.	Tardeo.	Byculla.	1st Nagpada.	Pareil.	Sewree.	Sion.	Mahim.	Worlee.	Water Division.	Non-Resident and Unknown.	TOTAL.
2	3			4	1	2	3	1	2	3					4	5	1	2	3			
...	...	6	2	...	...	...	...	...	...	...	...	1	1	1	3	...	...	...	1	...	...	36
...	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	-
24	25	62	46	32	12	7	7	41	43	17	105	36	55	23	46	19	21	27	18	1	22	1129
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
...	1	1	1	3	...	3	13	26	7	3	10	3	33	1	56	5	2	5	9	...	...	199
4	3	7	...	1	...	...	...	...	1	1	...	...	...	...	2	...	2	...	1	...	...	44
...	...	1	...	...	1	2	...	...	...	...	7	...	1	1	...	...	...	...	...	...	...	18
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
7	2	1	...	2	1	...	2	...	...	4	2	2	.	...	..	...	...	...	...	...	...	54
1	1	2	1	5	...	...	2	3	2	3	8	1	1	1	2	...	...	1	2	...	1	66
32	28	15	15	8	1	3	10	3	34	20	23	7	13	4	7	1	3	11	5	...	45	430
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	1	6	3	15	2	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	1	53
...	2	...	2	...	...	...	...	2	1	...	1	...	...	...	...	...	1	...	...	1	3	17
38	30	18	27	21	17	10	9	24	35	19	32	12	23	7	11	5	12	14	14	3	29	683
276	223	166	142	153	45	27	38	133	102	197	204	63	170	50	102	21	59	106	82	2	19	4217
262	241	283	196	193	62	46	62	190	138	171	291	156	284	104	210	34	83	120	95	3	12	5765
243	224	242	220	178	55	44	69	171	144	143	280	156	274	102	195	34	75	87	89	1	13	5439
1101	947	944	767	744	289	173	253	698	590	693	1106	505	934	531	712	289	316	439	383	77	194	21712

XL.

STILL-BORN in different RACES and CASTES, arranged in Quarters, for the Year beginning 1st January 1887.

	MALES.															FEMALES.															PERSONS.														
	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindoos of other Castes.	Hindoos, Low-Castes.	Musulmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindoos of other Castes.	Hindoos, Low-Castes.	Musulmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.	Jains.	Brahmins.	Lingaets.	Bhatias.	Hindoos of other Caste.	Hindoos, Low-Castes.	Musulmans.	Parsees.	Jews.	Native Christians.	Eurasians.	Europeans.	Negro-Africans.	Buddhists.	Other and Unknown Races and Castes.	All Races.
January	..	..	..	..	19	8	9	2	..	2	..	1	1	..	1	43	4	1	..	3	8	3	15	5	..	2	..	1	..	..	..	42	4	1	..	3	27	11	24	7	..	4	..	2	1	..	1	85
February	2	1	..	2	21	4	9	2	..	2	..	..	..	..	1	44	..	..	..	..	18	6	8	3	1	2	..	..	..	..	..	38	2	1	..	2	39	10	17	5	1	4	..	..	..	..	1	82
March	4	..	..	..	37	2	10	2	..	4	..	1	..	..	2	62	1	..	..	1	27	4	6	3	..	5	..	..	..	..	1	48	5	..	..	1	64	6	16	5	..	9	..	1	..	..	3	110
Quarter, 1st	6	1	..	2	77	14	28	6	..	8	..	2	1	..	4	149	5	1	..	4	53	13	29	11	1	9	..	1	..	..	1	128	11	2	..	6	130	27	57	17	1	17	..	3	1	..	5	277
April	1	1	..	1	20	3	11	1	2	2	..	..	..	..	1	43	1	2	..	1	20	4	6	2	2	2	..	..	..	..	3	43	2	3	..	2	40	7	17	3	4	4	..	..	..	..	4	86
May	1	3	..	..	27	5	11	4	..	1	..	..	..	..	..	52	1	1	..	1	27	5	10	7	..	2	..	..	..	..	2	56	2	4	..	1	54	10	21	11	..	3	..	..	..	..	2	108
June	1	..	..	3	20	6	11	1	1	2	..	1	..	..	1	47	1	1	..	1	14	7	13	1	..	2	..	1	..	..	..	41	2	1	..	4	34	13	24	2	1	4	..	2	..	..	1	88
Quarter, 2nd	3	4	..	4	67	14	33	6	3	5	..	1	..	..	2	142	3	4	..	3	61	16	29	10	2	6	..	1	..	..	5	140	6	8	..	7	128	30	62	16	5	11	..	2	..	..	7	282
July	1	2	..	1	30	4	15	5	..	2	..	..	..	..	1	61	..	1	..	..	16	3	9	3	..	1	..	..	..	..	1	34	1	3	..	1	46	7	24	8	..	3	..	..	..	..	2	95
August	5	3	..	1	26	11	17	7	..	1	..	..	..	..	2	83	2	..	..	1	20	11	20	..	..	6	..	..	..	..	1	61	7	3	..	2	56	22	37	7	..	7	..	..	..	..	3	144
September	4	1	..	..	30	4	18	4	2	3	..	..	..	..	1	67	3	2	..	..	17	8	13	4	1	4	..	1	..	..	..	48	7	3	..	..	47	7	31	8	3	7	..	1	..	..	1	115
Quarter, 3rd	10	6	..	2	96	19	50	16	2	6	..	..	..	..	4	211	5	3	..	1	53	17	42	7	1	11	..	1	..	..	2	143	15	9	..	3	149	36	92	23	3	17	..	1	..	..	6	354
October	3	3	..	..	38	3	14	9	2	3	..	1	..	..	1	77	1	..	..	..	15	3	12	6	1	..	..	..	..	..	2	40	4	3	..	..	53	6	26	15	3	3	..	1	..	..	3	117
November	..	3	..	..	16	5	17	7	..	..	..	..	..	..	..	48	..	1	..	..	21	3	6	2	..	..	..	..	..	..	3	36	..	4	..	..	37	8	23	9	..	..	..	..	..	..	3	84
December	2	1	..	..	16	3	16	2	..	4	..	..	..	..	2	46	1	..	..	..	16	2	12	3	..	1	1	..	..	..	3	39	3	1	..	..	32	5	28	5	..	5	1	..	..	..	5	85
Quarter, 4th	5	7	..	..	70	11	47	18	2	7	..	1	..	..	3	171	2	1	..	..	52	8	30	11	1	1	1	..	..	..	8	115	7	8	..	..	122	19	77	29	3	8	1	1	..	..	11	286
Year	24	18	..	8	310	58	158	46	7	26	..	4	1	..	13	673	15	9	..	8	219	54	130	39	5	27	1	3	..	..	16	526	39	27	..	16	529	112	288	85	12	53	1	7	1	..	29	1199

[redacted]ALITIES, arranged in Quarters, for the Year beginning 1st January 1887.

| | B | | |

XLII.

NUMBER OF DEATHS AND STILL-BORN in various HINDOO CASTES, JAIN, AND MUSULMAN RACES, registered during the Year beginning 1st January 1887.

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Hindoo Castes.													
Males.													
Agree	8	7	5	10	6	9	8	11	10	5	9	4	92
Barote	2	...	...	1	4	1	...	1	...	1	1	...	11
Beldar	...	...	...	1	...	...	1	1	...	...	...	1	4
Bhat...	...	...	2	2	...	...	...	...	...	...	...	...	4
Bhatia	10	16	17	15	18	9	17	15	8	7	13	12	157
Bhoee	3	2	1	2	1	1	...	1	1	3	1	...	16
Bhaossar	1	3	1	4	4	2	1	4	1	4	3	...	28
Bhandaree	23	24	22	13	31	22	26	46	37	23	18	15	300
,, Kitway	...	1	...	...	1	1	...	...	...	1	...	...	4
,,alee	3	2	3	2	1	...	1	3	1	2	5	5	23
...	4	...	4	1	...	3	1	2	2	...	1	1	19
...	1	6	1	2	2	...	1	2	3	6	4	3	35
...	28	24	38	29	42	21	29	42	27	42	36	31	389
...	3	3	2	...	2	3	1	1	...	2	1	...	18
...	1	...	...	...	...	...	...	...	...	...	...	...	1
...	1	...	...	...	...	...	...	1	...	...	1	...	4
...	13	11	11	17	7	7	9	9	12	9	11	17	133
...	...	...	...	1	...	2	...	...	2	1	3	3	3
...	3	...	1	2	1	3	...	2	...	...	...	...	21
...	1	...	...	...	...	...	...	...	...	...	...	...	1

Gavundee	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gaolee	4	6	11	9	7	10	8	9	7	5	13	11	...	...	...	...	...	...	100
Goorao	2	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	5
Go'a Rana	1	3	1	1	...	...	...	1	...	...	2	...	...	...	...	...	...	...	9
Hindoo	19	14	17	18	15	6	13	23	7	21	20	22	...	...	...	...	...	...	193
„ Wanee	1	7	4	5	4	2	3	5	4	7	7	5	...	...	...	...	...	...	54
„ Soortee	1	6	1	...	...	2	1	...	3	4	1	1	...	...	...	...	...	...	20
„ Madrasee...	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	3
Jingur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kassar	3	4	11	4	3	6	3	10	6	6	7	3	...	...	...	...	...	...	1
Kharwa	5	4	3	2	6	2	8	2	4	7	7	5	...	...	...	...	...	...	1
Khutree	13	11	16	8	13	17	10	17	15	10	8	16	...	...	...	...	...	...	66
Koombhar	3	1	6	5	3	3	4	4	1	7	8	3	...	...	...	...	...	...	55
Koonbee	12	7	15	2	5	7	6	3	9	6	5	11	...	...	...	...	...	...	154
Kostee	...	...	1	...	1	...	...	1	1	...	...	1	...	...	...	...	...	...	48
Kolee	13	10	4	7	7	9	9	19	14	14	8	15	...	...	...	...	...	...	88
Kamatee	11	5	7	3	7	8	2	6	10	5	7	8	...	...	...	...	...	...	5
„ Phoolmalee	3	6	3	5	3	8	4	7	10	9	6	9	...	...	...	...	...	...	129
Komtee	1	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	79
Lingaet and Jungum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73
Lohana	15	11	18	15	26	13	18	24	22	27	17	21	...	...	...	...	...	...	4
Lohar	8	1	5	7	6	6	4	5	11	4	4	6	...	...	...	...	...	...	...
Malee	5	2	9	6	5	7	6	12	6	8	9	6	...	...	...	...	...	...	227
Mangelee	...	2	1	2	...	...	2	1	...	1	1	1	...	...	...	...	...	...	67
Mooltanee	...	...	1	...	...	1	1	...	1	1	1	1	...	...	...	...	...	...	81
Murrathee	190	200	196	188	188	151	215	230	208	205	171	180	...	...	...	...	...	...	11
Nahavee	4	7	10	4	6	5	2	3	7	6	7	2	...	...	...	...	...	...	7
Panchkulsee	5	3	1	...	3	2	4	2	1	1	4	3	...	...	...	...	...	...	2322
Purbhoo, Kaista	...	1	...	3	3	2	...	...	...	1	2	1	...	...	...	...	...	...	63
„ Pattanay...	9	4	3	10	9	8	2	9	7	10	6	8	...	...	...	...	...	...	29
Pardessee	18	13	9	6	8	10	8	15	7	10	9	8	...	...	...	...	...	...	13
Rajpoot	2	2	3	...	1	2	1	3	1	1	2	...	...	...	...	...	...	...	85
Rawool	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	121
Salee...	1	3	2	1	2	4	4	...	1	2	3	...	...	...	...	...	...	...	18
Shenvee	2	3	2	2	1	...	3	...	2	1	2	...	...	...	...	...	...	...	1
Shimpee	5	5	13	11	13	16	18	11	7	12	10	14	...	...	...	...	...	...	23
Sonar	14	11	18	12	16	7	14	14	12	10	15	10	...	...	...	...	...	...	21
Sone Kolee	3	8	7	8	6	4	1	5	1	5	2	...	...	...	...	...	...	...	135
Sootar	3	3	3	11	5	3	12	5	6	6	3	2	...	...	...	...	...	...	153
																			50
																			62

CASTES AND RACES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
HINDOO CASTES.													
Males (continued.)													
Soortee Kolee	...	...	...	1	...	...	...	1	...	...	1	...	3
Tellee	1	6	3	5	5	7	5	5	8	4	3	4	56
Tellungee	2	...	3	2	...	1	2	...	3	...	3	...	16
Thackoor	1	...	2	1	1	...	...	...	...	...	...	2	7
Vais Vanee	7	5	6	10	13	8	7	4	16	5	...	4	85
Wagree	1	3	...	1	...	...	...	4	...	3	3	1	16
Wunjaree	8	2	6	3	6	7	3	1	4	6	6	9	51
HINDOO CASTES.													
Females.													
Agree	6	5	9	5	1	5	8	16	9	3	7	10	84
Barote	...	...	...	1	2	...	...	2	1	...	...	...	6
Beldar	...	1	...	...	...	1	...	...	1	...	...	1	4
Bhat	...	...	1	...	...	1	1	...	...	...	...	...	3
Bhatia	13	12	5	12	18	15	9	13	13	7	16	11	144
Bhoee	1	...	1	1	6	7	3	2	2	...	1	2	26
Bhossar	1	...	2	2	1	4	1	2	...	2	3	1	19
Bhandaree	30	17	26	17	14	14	22	31	28	32	22	15	268
„ Kitay	...	...	...	...	...	1	...	2	1	...	1	3	8
Bhansalee	1	...	...	1	4	1	3	1	3	3	2	7	26
Boorood	...	...	2	4	...	2	...	5	2	3	1	2	21
Bairagi, Gosavee	...	4	4	2	...	3	1	4	...	1	2	3	24
Brahmin	25	27	24	49	30	25	27	36	36	31	36	31	377
Chachee	...	2	1	1	4	2	2	...	1	3	2	1	19

Charkulsee	...	...	1	...	...	...	...	1	1	...	...	1	4
Chutree	...	1	...	...	...	...	...	2	...	...	...	...	3
Dhobee	10	6	9	12	6	9	5	11	9	11	8	13	109
Dewlee	...	...	...	...	...	...	...	1	...	...	...	...	1
Dhungur	...	1	1	...	...	3	1	1	4	...	...	1	12
Gaolee, Aheer	1	1	...	...	...	...	...	...	...	...	...	...	2
Gavundee	...	...	1	1	...	1	...	...	...	...	1	...	4
Gaolee	6	14	9	5	9	1	7	9	4	4	10	10	80
Goorao	3	...	...	2	...	...	1	2	1	2	1	1	13
Gola Rana	2	...	...	...	1	2	2	2	1	...	...	...	10
Hindoo	11	9	3	9	9	6	7	6	7	6	9	8	88
„ Wanee	...	3	3	1	4	8	3	1	4	5	6	5	43
„ Soortee	...	...	...	...	...	1	1	3	2	1	2	3	13
„ Madrasee	2	...	...	1	...	...	...	...	...	1	...	...	4
Kassar	8	7	10	4	2	5	4	5	2	7	6	6	66
Kharwa	4	6	3	...	4	5	2	4	5	4	1	4	42
Khutree	11	13	12	19	16	9	11	25	9	15	8	16	164
Koombhar	4	4	1	7	4	5	3	5	2	5	4	3	47
Koonbee	1	5	4	5	3	7	4	7	10	2	3	9	60
Kostee	...	1	...	...	...	2	1	...	...	...	2	...	6
Kolee	9	6	5	7	11	9	8	9	9	9	8	14	104
Kamatee	5	8	5	3	2	1	1	2	8	12	4	8	59
„ Phoolmalee	12	4	7	6	4	4	2	8	7	7	8	8	77
Komtee	1	...	...	...	...	...	...	...	3	...	...	...	4
Lingaet and Jungum	...	...	...	...	...	...	...	...	...	...	...	...	...
Lohana	15	21	27	19	19	25	19	27	24	20	21	10	247
Lohar	3	6	3	3	5	7	8	8	4	11	6	6	70
Malee	5	8	6	10	15	8	15	8	9	5	4	7	100
Mangelee	...	1	...	3	...	1	...	1	1	...	2	...	9
Mooltanee	1	...	...	...	1	...	...	...	1	1	...	...	4
Murrathee	163	146	184	184	181	167	175	196	189	169	139	147	2040
Nahavee	3	5	2	6	5	1	6	7	4	...	11	4	54
Panchkulsee	2	1	4	1	1	1	...	3	3	...	1	3	20
Purbhoo, Kaista	1	2	...	...	1	1	1	3	...	...	1	3	10
„ Pattanay	4	7	9	7	9	8	11	11	4	5	6	8	89
Purdessee	3	2	2	4	3	...	6	2	2	3	1	5	33
Rajpoot	...	1	2	1	2	1	1	...	...	...	3	1	12
Rawool	...	1	...	2	...	1	...	...	...	...	...	1	5

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Hindoo Castes.													
Females—(continued.)													
Salee	1	2	2	1	...	...	1	2	...	4	5	1	19
Shenvee	...	1	3	1	3	...	1	1	1	...	3	...	14
Shimpee	3	5	10	7	15	4	7	4	9	15	9	12	100
Sonar	9	12	15	17	7	9	19	14	12	16	12	20	162
Sone Kolee	3	2	3	5	5	1	5	3	2	3	2	4	38
Sootar	2	6	4	2	5	5	4	4	4	3	7	5	51
Soorty Kooly	1	3	...	...	...	...	1	2	...	1	...	2	10
Tellee	6	...	4	5	8	6	8	3	5	9	2	1	57
Tellungee	...	...	...	...	...	...	1	...	...	...	3	...	4
Thackoor	...	...	...	...	...	...	1	...	...	1	...	...	2
Vais Wanee	5	3	8	4	7	5	8	14	9	8	8	10	89
Wagree	5	1	1	2	...	2	...	5	1	4	1	1	23
Wunjaree	5	6	6	3	10	4	2	2	4	3	8	4	57
Hindoo Low-Castes.													
Males.													
[illegible]ngee	3	6	5	3	3	4	5	5	3	5	5	8	55
[illegible]mbhar	5	7	8	4	9	6	6	11	9	8	6	4	83
[illegible]r	2	3	2	3	1	2	3	1	5	4	2	1	29
[illegible]re	3	...	...	...	3	...	2	...	3	...	1	1	13
[illegible]ar	50	43	43	30	33	35	52	55	39	38	33	38	489
[illegible]g	6	5	4	2	2	1	...	...	2	1	3	1	27
[illegible]ee	19	9	8	15	14	12	10	21	15	15	11	14	163
[illegible]aree	4	...	...	1	...	...	2	1	...	1	1	1	11

Hindoo Low-Castes.																
Females.																
Bhungee	...	...	...	...	...	4	4	3	2	3	3	1	9	1	5	7	4	46
Chambhar	...	...	...	...	...	5	5	4	2	2	8	5	12	11	7	4	2	67
Dher	...	...	...	...	...	1	6	2	1	1	2	1	4	11	2	...	2	33
Dhore	...	...	...	...	...	...	...	...	1	1	...	2	2	6	...	...	2	14
Mahar	...	...	...	...	...	31	28	30	25	34	23	40	53	43	34	30	25	396
Mang	...	...	...	...	...	3	5	5	...	4	3	3	1	5	3	1	2	35
Mochee	...	...	...	...	...	14	27	6	17	13	15	15	19	6	20	9	26	187
Purwaree	...	...	...	...	...	...	...	...	...	2	...	...	...	1	1	...	...	4
Mussulman.																		
Males.																		
Arab	...	...	...	...	...	3	5	8	23	...	...	2	2	1	5	1	1	51
Borah	...	...	...	...	...	10	15	16	...	14	10	10	18	10	11	5	19	138
Khoja	...	...	...	...	...	10	11	14	15	21	12	17	21	14	15	20	9	179
Memon	...	...	...	...	...	24	29	31	18	26	28	29	25	22	23	24	20	299
Moghul	...	...	...	...	...	4	4	3	6	3	4	1	5	...	5	3	...	38
Mussulman	...	...	...	...	...	74	76	75	61	82	84	72	102	77	80	87	89	959
,,	Pathan	...	...	...	...	10	9	9	10	7	15	14	7	10	14	9	5	119
,,	Shaik	...	...	...	...	66	78	78	65	65	39	55	83	63	70	70	78	810
,,	Syed	...	...	...	...	9	4	5	6	6	5	7	6	7	4	6	10	75
Mussulman.																		
Females.																		
Arab Mussulman			...	...	...	1	...	...	...	...	1	1	1	...	...	...	...	4
Borah	,,		...	...	...	18	10	18	18	20	30	17	14	9	18	17	18	207
Khoja	...	...	...	...	...	14	20	13	13	17	17	17	8	11	15	11	21	177
Memon	...	...	...	...	...	33	38	35	40	41	21	39	41	27	18	15	12	360
Moghul	...	...	...	...	...	3	1	1	2	2	4	...	2	2	3	1	3	24
Mussulman	...	...	...	...	...	74	58	57	60	66	80	73	84	75	79	7	110	823
,,	Pathan	...	...	...	...	11	3	12	9	4	4	4	6	5	5	69	5	137
,,	Shaik	...	...	...	...	65	68	81	75	66	55	66	67	88	81	76	60	848
,,	Syed	...	...	...	...	7	5	6	6	6	3	2	4	4	6	3	4	56

Castes and Races.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Jain.													
Males.													
Bania	1	1	2	5	3	3	2	3	2	2	3	4	31
Kapol Wanee	4	2	3	3	6	8	6	3	16	4	5	6	66
Vissa Lar Bania	...	1	...	...	...	...	...	1	...	...	...	2	4
Lar Wanee...	1	...	...	2	1	1	...	3	1	1	...	...	9
Vissa Larwanee	2	...	1	...	1	...	3	1	3	1	2	...	14
Mor Wanee	2	...	2	1	4	...	2	...	6	2	...	1	20
Vissa Mor	...	...	...	...	...	...	...	...	...	...	...	...	...
Dussa „	1	1	...	...	...	2	3	2	1	...	...	1	11
Misharee Wanee	...	1	1	...	...	...	...	1	...	2	1	...	6
Vissa Ooswar Wanee	4	3	5	12	9	7	6	10	5	9	9	10	89
Dussa „ „	5	3	2	7	9	6	10	10	12	9	4	5	82
Vissa Porwal	...	...	1	...	1	...	...	1	...	...	...	...	3
Dussa „	...	...	...	...	...	...	...	...	...	...	...	...	...
Marwaree	2	2	1	6	3	5	1	2	3	3	7	1	36
Vissa Ooswar Marwaree	3	...	...	...	2	3	...	2	2	...	3	...	15
Vissa Shreemalee	1	...	2	...	1	4	...	3	2	2	...	3	18
Dussa „	4	2	6	6	8	4	6	1	6	2	2	5	52
Shreemalee Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...
Agurwala Bania	1	...	1	1	...	1	...	4	...	...	1	...	9
„ Marwari	2	...	...	...	...	...	...	...	...	...	...	...	2
Vissa Soratia	...	...	...	...	1	...	...	...	2	...	...	...	3
Dussa „	...	...	...	...	1	...	...	2	2	...	...	...	5
„ Daisawar Bania	...	...	...	...	1	...	...	...	...	2	...	...	3
Vissa Nagur Bania	1	1	...	...	...	...	...	...	...	...	...	...	2
Dussa Porwal Wanee	...	2	2	...	...	2	1	1	1	1	1	3	13
Porwal Bania	...	...	...	...	1	...	...	...	...	...	...	...	1
Shrawak Wanee	...	...	...	...	1	...	...	...	...	1	...	...	2
Dussa Nagar Wanee	...	...	...	...	...	...	...	1	...	...	1	...	2

Goozur Wanee	2	1	1	1	1	...	...	...	...	...	...	...	...	...	6
Soratia Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dussa Sortia Wanee	...	...	...	1	...	...	1	...	...	...	...	...	...	1	3
Zarola Bania	...	...	...	...	1	...	1	...	1	1	1	...	1	1	6
Oswar Marwaree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nagur Wanee	...	...	1	...	...	...	...	...	...	...	1	...	...	1	3
Dussa Nagur Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Surti Wanee	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Vissa Porwal Bania	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Dussa „ „	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Lar Bania	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vaida Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dussa Wanee	1	...	1	...	...	...	...	...	...	...	...	...	1	...	3
Oswar Wanee	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Vissa Wanee	...	...	1	...	3	...	...	...	...	...	...	...	...	...	4
Agarwala Marwaree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dusseval Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wanee	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2
Dussa Zarola Bania	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Dussa Marwaree Bania	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Vissa Vaida Bania	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Culbi Patel	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1

JAIN.

Females.

Bania	1	1	...	2	2	2	...	...	...	3	1	3	15
Kapol Bania	5	3	1	7	5	5	2	9	6	6	3	2	54
Vissa Lar Bania	...	...	...	...	...	1	...	...	...	...	...	...	1
Lar Wanee...	...	...	...	...	...	1	...	3	...	...	...	...	4
Vissa Larwanee	...	...	1	3	...	3	...	2	1	2	1	...	13
Mor Wanee...	6	2	3	2	3	...	2	1	...	2	1	...	22
Vissa Mor	...	2	...	1	...	...	...	2	...	...	2	...	7
Dussa „	...	...	2	...	...	4	1	2	1	...	3	...	13
Misharee Wanee	...	...	...	...	...	...	...	...	2	1	...	1	4
Vissa Ooswar Wanee	2	1	4	8	10	3	5	7	8	6	4	10	68
Dussa „ „	4	5	5	4	5	2	6	7	4	9	8	7	66
Vissa Porwal	...	...	...	...	...	...	1	...	...	...	...	...	1

CASTES AND RACES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
JAIN.													
Females—(continued.)													
Dussa Porwal	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Shreemalee Wanee...	2	6	3	3	10	9	7	2	1	6	5	7	61
Marwaree	...	...	...	2	...	...	...	2	...	2	3	...	9
Vissa Shreemalee	2	...	1	1	2	...	...	1	1	1	4	1	14
Shreemalee...	...	...	...	...	...	...	...	...	1	...	...	...	1
Agurwala Bania	3	...	...	...	...	1	1	5	...	...	1	1	12
„ Marwaree	...	...	...	...	...	...	...	...	...	...	...	...	...
Vissa Ooswar Marwaree	2	1	...	...	...	2	...	3	...	1	1	...	10
„ Soratia	...	...	...	...	...	...	...	...	...	...	...	1	1
Dussa Soratia Bania	...	1	...	...	3	2	1	...	2	2	...	2	13
Vissa Nagur „	...	...	...	...	...	...	...	...	...	...	1	...	1
Dussa Porwal Wanee	1	1	...	...	2	1	1	2	1	1	...	2	12
Vissa „ „	2	...	...	1	...	...	...	...	...	...	...	...	3
„ Bania	...	...	...	...	...	...	...	...	...	...	...	...	...
Nagur Wanee	1	...	...	...	...	...	...	2	1	...	...	...	4
Vissa Nagur	...	...	...	...	...	...	...	...	...	...	...	...	...
Dussa Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...
Vissa „	...	...	...	...	...	1	...	...	...	...	1	...	2
Goozur „	...	...	2	...	...	...	...	...	...	...	...	...	2
Soratia „	...	...	...	1	...	...	...	...	...	...	1	...	2
Dussa Soratia Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...
Zarola Bania	...	...	...	...	...	1	1	...	...	...	...	...	2
Dussa Nagur Bania	...	...	...	...	...	...	...	...	...	...	...	1	1
Wanee	...	...	1	...	1	...	...	...	...	...	...	...	2
Vaida Wanee	...	...	...	...	...	...	...	...	...	...	...	...	...
Zaporia Bania	...	...	...	...	...	...	...	...	...	...	...	...	...
Porwal „	1	...	1	...	...	...	1	...	...	...	...	...	3
Dussa Zarola Bania	1	1	1	...	...	...	...	...	...	...	...	...	3
„ Daisawar Bania	1	...	3	3	...	...	...	...	...	...	...	1	8

XLIII.

ABSTRACT of the METEOROLOGICAL OBSERVATIONS supplied by the BOMBAY OBSERVATORY during the Year beginning 1st January 1887.

MONTHS.	PRESSURE OF AIR. (Barometer 37½ feet above the mean sea-level, and reduced to 32° Fahr.)			TEMPERATURE OF AIR IN THE SHADE. Degrees Fahr.			HYDROMETRIC STATE OF AIR.					WIND.		RAIN AT COLABA.		RAIN AT BYCULLA.	
							Dew Point. Degrees Fahr.			Humidity.		Daily Mean Number of Hours.		Inches.	On No. of Days.	Inches.	On No. of Days.
	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	Absolute Range.	Mean.	Mean Daily Range.	From Sea.	From Land.				
January	29·897	0·121	·214	73·8	10·0	19·4	63·8	6·0	23·5	0·72	0·33	11	13	...	...	...	...
February	·935	·129	·406	74·9	11·9	29·3	62·3	7·5	39·1	0·66	0·36	11¾	12¼	...	...	...	...
March	·852	·115	·257	78·8	8·6	15·7	69·6	4·7	18·5	0·74	0·24	18	6	...	...	...	...
Quarter 1st	·895	·122	·406	75·8	10·2	29·3	65·2	6·0	43·7	0·70	0·31	13¾	10½	...	...	...	...
April	·801	·129	·313	82·1	8·2	17·8	73·5	3·4	18·6	·76	·17	20	4	0·02	1	...	...
May	·784	·099	·269	85·1	6·4	09·9	74·5	1·6	08·0	·71	·12	23¾	½	0·09	4	...	...
June	·663	·083	·380	81·5	4·8	14·0	75·9	1·9	05·8	·83	·19	20	4	24·07	23	24·26	18
Quarter 2nd	·749	·104	·538	82·9	6·5	17·8	74·6	2·3	19·6	·77	·16	21¾	2½	24·18	28	24·26	18
July	·688	·073	·304	79·9	3·5	10·1	75·5	2·1	04·4	·87	·12	24	...	30·98	28	35·65	27
August	·730	·075	·206	79·6	4·4	10·4	74·7	2·4	06·4	·85	·11	23	1	17·59	29	18.78	24
September	·802	·095	·369	79·5	5·2	11·7	73·9	2·3	08·4	·83	·18	20	4	18·23	19	18·27	12
Quarter 3rd	·740	·081	·441	79·7	4·4	11·7	74·7	2·3	08·4	·85	·14	22	2	66·80	76	72·65	63
October	·837	·117	·436	82·0	8·4	19·1	73·2	5·1	25·6	·76	·34	13	11	2·79	4	2·62	1
November	·902	·113	·287	80·5	10·2	19·0	69·0	6·3	23·9	·69	·40	7¼	16¾	1·02	1	0·89	2
December	·926	·119	·218	77·5	11·6	19·9	64·6	7·3	28·7	·66	·31	8	16	0·16	3	...	...
Quarter 4th	·888	·116	·478	80·0	10·1	24·1	68·9	6·2	28·9	·70	·35	9¼	14¾	3·97	8	3·51	3
Year	29·818	·106	·715	79·6	7·8	33·9	70·8	4·2	46·4	·75	·24	16¾	7¼	94·95	112	100·42	84

Appendix A.

AGGREGATE AND MEAN VELOCITIES AND RELATIVE FREQUENCY OF DIFFERENT WINDS, 1887.

TABLE showing for the year 1887 the Sums of the Velocities, and the Mean Velocities, in miles per hour, of the Winds which blew in each month, from each of the Sixteen Principal Directions, and also the number of Observations which those sums comprise; the latter numbers indicating the Relative Frequency of the same Winds (as to directions) in the several months, and of different Winds during the same month.

1887.	N.			NNE.			NE.			ENE.			E.			ESE.			SE.			SSE.		
Months.	Sums of Velocities.	Number of Observations	Mean Velocity.	Sums of Velocities.	Number of Observations	Mean Velocity.	Sums of Velocities.	Number of Observations	Mean Velocity.	Sums of Velocities.	Number of Observations	Mean Velocity.	Sums of Velocities.	Number of Observations	Mean Velocity.	Sums of Velocities.	Number of Observations	Mean Velocity.	Sums of Velocities.	Number of Observations	Mean Velocity.	Sums of Velocities.	Number of Observations	Mean Velocity.
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles
January	1011	127	8·0	628	94	6·7	484	68	7·1	443	57	7·8	130	23	5·7	202	26	7·8	10	2	5·0	3	1	3·0
February	1204	125	9·6	335	45	7·4	412	62	6·6	488	61	8·0	228	40	5·7	106	13	8·2	...	...	...	4	1	4·0
March	656	72	9·1	293	47	6·2	70	10	7·0	119	14	8·5	19	4	4·7	60	9	6·7	104	19	5·5	41	6	6·8
April	266	39	6·8	189	41	4·6	60	14	4·3	...	...	...	44	8	5·5	19	3	6·3	66	8	8·2	102	10	10·2
May	17	3	5·7	6	1	6·0	...	...	...	11	1	11·0	7	1	7·0	...	...	...	28	3	9·3	45	5	9·0
June	29	3	9·7	7	1	7·0	18	2	9·0	53	6	8·8	104	16	6·5	109	11	9·9	355	18	20·0	853	41	20·8
July	...	...	...	10	1	10·0	5	1	5·0	10	1	10·0	...	...	...	...	...	...	...	...	...	29	3	9·7
August	26	5	5·2	8	1	8·0	8	1	8·0	28	6	4·7	16	3	5·3	47	7	6·7	35	5	7·0	...	...	...
September	169	28	6·0	152	27	5·6	59	10	5·9	147	23	6·4	119	18	6·6	54	8	6·7	21	4	5·2	47	6	7·8
October	374	46	8·1	292	46	6·3	373	48	7·8	1461	132	11·1	269	32	8·4	90	13	6·9	46	5	9·2	62	10	6·2
November	621	75	8·3	244	42	5·8	622	68	9·1	2613	218	12·0	537	63	8·5	171	23	7·4	56	6	9·3	17	4	4·2
December	678	97	7·0	354	46	7·7	932	100	9·3	2401	200	12·0	470	53	8·9	25	3	8·3	28	3	9·3	...	...	...
Year...	5051	620	8·1	2518	392	6·4	3043	384	7·9	7774	719	10·8	1943	261	7·4	883	116	7·6	749	73	10·3	1203	87	13·8

	S.			SSW.			SW.			WSW.			W.			WNW.			NW.			NNW.		
	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles	Miles		Miles
January	...	...	...	...	...	...	7	1	7·0	8	2	4·0	25	3	8·3	216	26	8·3	1816	110	12·0	2947	203	14·5
February	5	1	5·0	...	...	...	5	1	5·0	37	4	9·2	54	6	9·0	550	47	11·7	1251	109	11·5	2381	157	15·2
March	150	14	10·7	266	23	11·6	211	23	9·2	325	40	8·1	398	55	7·2	778	71	11·0	1884	133	14·2	2893	202	14·3
April	94	9	10·4	226	27	8·4	110	19	5·8	285	33	8·6	311	39	8·0	1947	151	12·9	3208	231	13·9	903	87	10·4
May	40	4	10·0	758	50	15·2	484	46	10·5	682	70	9·7	3099	317	9·8	2099	187	11·2	652	52	12·5	34	4	8·5
June	714	28	25·5	194	14	13·8	343	37	9·3	4212	266	15·8	2558	191	13·4	526	45	11·7	71	9	7·9	60	8	7·5
July	53	3	17·7	769	33	23·3	396	23	17·2	10022	464	21·6	3407	175	19·5	610	38	16·1	9	2	4·5	...	...	...
August	34	5	6·8	16	4	4·0	208	16	13·0	5165	311	16·6	3473	244	14·2	1385	110	12·1	140	14	10·0	110	12	9·2
September	103	14	7·4	47	7	6·7	50	10	5·0	749	71	10·5	1736	152	11·4	2179	165	13·2	1223	112	10·9	511	65	7·9
October	113	15	7·5	20	3	6·7	24	7	3·4	29	5	5·8	67	10	6·7	338	33	10·2	1813	176	10·3	1676	162	10·3
November	158	13	12·2	65	5	13·0	12	1	12·0	62	7	8·9	82	12	6·8	334	34	9·8	668	57	11·7	1388	92	15·1
December	...	...	...	...	...	...	...	...	...	12	2	6·0	89	13	6·8	358	36	9·8	724	67	10·8	1808	124	14·6
Year...	1464	106	13·8	2361	166	14·2	1850	184	10·1	21588	1775	16·9	15299	1217	12·6	11265	943	11·9	12959	1072	12·1	14711	1116	13·2

Appendix B.

MEMORANDUM of TOTAL DEATHS, including Still-born, for the Year beginning 1st January 1887.

MONTHS.	BODIES HOW DISPOSED OF.			PLACE OF BIRTH.			RESIDENCE OF FAMILIES.			REPORTS.		TOTAL.
	Buried.	Burnt.	Exposed to Carrion Birds.	Bombay.	Elsewhere.	Unknown.	Bombay.	Elsewhere.	Unknown.	Written.	Verbal.	
January	1,156	535	115	935	857	14	262	1,520	24	277	1,529	1,806
February	1,095	508	73	842	812	22	195	1,459	22	214	1,462	1,676
March	1,193	529	92	980	822	12	243	1,558	13	226	1,588	1,814
April	1,136	522	93	950	784	17	230	1,496	25	233	1,518	1,751
May	1,203	546	98	1,069	756	22	259	1,566	22	247	1,600	1,847
June	1,091	447	79	914	688	15	226	1,367	24	191	1,426	1,617
July	1,157	518	81	972	773	11	234	1,506	17	227	1,529	1,756
August	1,434	645	94	1,163	990	20	261	1,870	42	316	1,857	2,173
September	1,269	543	97	1,011	891	7	234	1,662	13	246	1,663	1,909
October	1,248	549	94	1,007	865	19	212	1,634	45	250	1,641	1,891
November	1,057	542	78	843	820	14	192	1,463	22	211	1,466	1,677
December	1,172	537	86	918	868	9	252	1,518	25	226	1,569	1,795
Total...	14,211	6,421	1,080	11,604	9,926	182	2,800	18,619	294	2,864	18,848	21,712

Appendix C.

SHOWING the DEATH-RATE from ALL CAUSES in each Locality, 1887.

Division.	LOCALITY.	Number living, 17th February 1881.	Number dying in 1887, exclusive of Still-born.	Mortality per 1,000 of Population.
A	Upper Colaba	2,867	81	28·25
	Middle and Lower Colaba	14,265	288	20·18
	Fort, Southern	3,515	21	5·97
	Fort, Northern	33,828	760	22·46
	Esplanade	13,080	202	15·44
B	Market	49,130	999	20·33
	Mandvee	42,351	1,259	29·72
	Chuckla	37,048	1,422	38·38
	Oomberkhari	54,656	1,594	29·16
	Dongree	33,290	743	22·31
C	Dhobee Talao	39,409	1,100	27·91
	Phunuswaree	23,218	445	19·16
	Bhooleshwar	38,106	1,041	27·31
	Khara Talao	28,691	900	31·36
	Koombharwara	34,990	901	25·75
	Khetwady	29,436	731	24·83
	Girgaum	25,319	703	27·76
D	Chaopatee	10,975	226	20·59
	Walkeshwar	11,303	159	14·06
	Mahaluxmee	6,232	246	39·47
E	Mazagon	27,904	647	23·18
	Tarwaree	14,542	529	36·37
	2nd Nagpada	15,922	665	41·76
	Kamathipura	28,455	1,056	37·11
	Tardeo	20,281	472	23·27
	Byculla	26,842	908	33·82
	1st Nagpada	9,372	316	33·71
	Parell	18,560	657	35·39
	Sewree	5,555	128	23·04
F	Sion	17,237	296	17·11
	Mahim	17,309	397	22·93
	Worlee	14,621	357	24·21
Water Division		24,887	77	3·09
Non-Resident and Unknown		...	187	...
	Total...	773,196	20,513	23·25*

* Increment of population is calculated.

Appendix D.

SHOWING the DEATH-RATE in each Locality from FEVER, 1887.

Division.	Locality.	Number living, 17th February 1881.	Number dying from Fever, 1887.	Mortality per 1,000 of Population.
A	Upper Colaba	2,867	11	3·83
	Middle and Lower Colaba	14,265	82	5·74
	Fort, Southern	3,515	8	2·27
	Fort, Northern	33,828	189	5·58
	Esplanade	13,080	54	4·12
B	Market	49,130	285	5·80
	Mandvee	42,351	392	9·25
	Chuckla	37,048	418	11·28
	Oomberkhari	54,656	434	7·92
	Dongree	33,290	241	7·24
C	Dhobee Talao	39,409	278	7·05
	Phunuswaree	23,218	108	4·65
	Bhooleshwar	38,106	267	7·00
	Khara Talao	28,691	270	9·41
	Koombharwada	34,990	266	7·60
	Khetwady	29,436	206	6·99
	Girgaum	25,319	196	7·74
D	Chaopatee	10,975	49	4·46
	Walkeshwar	11,303	43	3·80
	Mahaluxmee	6,232	69	11·07
E	Mazagon	27,904	182	6·52
	Tarwaree	14,542	77	5·29
	2nd Nagpada	15,922	136	8·54
	Kamathipura	28,455	286	10.05
	Tardeo	20,281	119	5·86
	Byculla	26,842	258	9·61
	1st Nagpada	9,372	89	9·49
	Parell	18,560	217	11·69
	Sewree	5,555	58	10·44
F	Sion	17,237	85	4·93
	Mahim	17,309	107	6·12
	Worlee	14,621	95	6·49
Water Division		24,887	24	0·96
Non-Resident and Unknown		...	13	... ...
	Total	773,196	5,612	6·36*

* Annual increment of population is calculated.

Appendix E.

NUMBER of DEATHS in different Localities from CHOLERA for the year 1887.

Division.	LOCALITY.	Number living, 17th February 1881.	Number dying from Cholera.	Mortality per 1,000 of Population.
A	Upper Colaba	2,867	.....	.....
	Middle and Lower Colaba	14,265	4	0·28
	Fort, Southern	3,515	.....	.....
	Fort, Northern	33,828	7	0·20
	Esplanade	13,080	16	1·22
B	Market	49,130	26	0·52
	Mandvee	42,351	15	0·35
	Chuckla	37,048	11	0·29
	Oomberkhari	54,656	10	0·18
	Dongree	33,290	3	0·09
C	Dhobee Talao	39,409	34	0·84
	Phunuswaree	23,218	10	0·43
	Bhooleshwar	38,106	6	0·15
	Khara Talao	28,691	1	0·03
	Koombharwara	34,990	4	0·11
	Khetwady	29,436	1	0·03
	Girgaum	25,319	13	0·51
D	Chaopatee	10,975	4	0·36
	Walkeshwar	11,303	.....	.....
	Mahaluxmee	6,232	9	1·44
E	Mazagon	27,904	8	0·28
	Tarwaree	14,542	10	0·68
	2nd Nagpada	15,922	2	0·12
	Kamathipura	28,455	5	0·17
	Tardeo	20,281	12	0·59
	Byculla	26,842	2	0·07
	1st Nagpada	9,372	2	0·21
	Parell	18,560	2	0·10
	Sewree	5,555	5	0·90
F	Sion	17,237	4	0·23
	Mahim	17,309	5	0·28
	Worlee	14,621	10	0·68
Water Division		24,887	22	0·88
Non-Resident and Unknown		.....	6	.....
	Total.....	773,196	269	0·31*

* Annual increment of population is calculated.

Return showing the Number of Deaths and the Rate of Mortality in Kamathipura.

Years.	Deaths in Kamathipura.											
	Fever.		Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.	
	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.
1873.....	569	12·10	109	2·31	167	3·55	93	1·97	121	2·57	343	7·29
1874.....	396	8·42	129	2·74	246	5·23	79	1·68	144	3·06	485	10·32
1875.....	359	7·63	154	3·27	261	5·55	134	2·85	186	3·95	531	11·29
1876.....	442	9·40	181	3·85	224	4·76	101	2·14	167	3·55	734	15·61
1877.....	1,042	22·17	262	5·57	439	9·34	206	4·38	232	4·93	693	14·95
1878.....	1,042	22·17	167	3·55	499	10·61	240	5·10	240	5·10	1,075	22·87
1879.....	711	15·13	137	2·91	383	8·15	155	3·30	156	3·32	860	18·30
1880.....	769	16·36	160	3·40	384	8·17	105	2·02	123	2·61	836	17·78
1881.....	631	9·75	178	2·75	475	7·34	140	2·16	92	1·42	746	11·53
1882.....	528	8·16	179	2·76	397	6·13	154	2·38	58	0·89	696	10·76
1883.....	625	9·66	231	3·57	278	4·30	144	2·22	55	0·85	745	11·52
1884.....	741	11·46	205	3·17	363	5·61	124	1·91	59	0·91	720	11·13
1885.....	684	10·57	208	3·21	415	6·41	104	1·60	61	0·94	696	10·76
1886.....	547	8·45	159	2·45	441	6·82	121	1·87	53	0·82	707	10·91
1887.....	541	*8·36	167	2·58	452	6·91	114	1·76	69	1·06	648	10·02

* Increment of population is not calculated.

Return showing the Number of Deaths and the Rate of Mortality in the City of Bombay.

Years.	Fever.		Diseases of the Nervous System.		Diseases of the Respiratory System.		Diarrhœa.		Dysentery.		Other Causes not Epidemic.	
	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.	No. of Deaths.	Per 1,000 of Population.
1873...	6,156	9·55	1,701	2·63	1,308	2·18	692	1·07	919	1·42	3,953	6·13
1874...	5,403	8·38	1,978	3·06	1,535	2·38	607	0·94	1,041	1·61	4,300	6·67
1875...	5,244	8·13	1,912	2·96	1,761	2·73	876	1·36	1,389	2·15	4,971	7·71
1876...	5,867	9·10	1,957	3·04	1,496	2·32	815	1·26	1,164	1·81	5,889	9·13
1877...	12,832	19·91	2,919	4·53	2,706	4·20	1,644	9·55	2,203	3·42	6,612	10·26
1878...	9,944	15·43	1,829	2·84	2,432	3·81	1,258	1·95	1,820	2·82	7,382	11·45
1879...	8,445	13·10	1,622	2·52	1,978	3·07	1,095	1·70	1,399	2·17	6,539	10·15
1880...	7,513	11·65	2,015	3·12	1,973	3·06	734	1·13	994	1·54	6,356	9·86
1881...	6,437	8·32	2,258	2·92	3,799	4·91	1,341	1·73	721	0·93	6,527	8·44
1882...	5,453	6·90	2,557	3·24	3,402	4·30	1,093	1·38	525	0·66	6,163	7·79
1883...	5,903	7·31	2,849	3·52	3,394	4·20	1,160	1·43	646	0·79	6,771	8·38
1884...	6,830	8·27	2,422	2·93	3,744	4·53	1,084	1·31	635	0·77	6,686	8·09
1885...	6,648	7·87	2,242	2·65	3,787	4·48	937	1·11	608	0·72	6,552	7·76
1886...	5,820	6·74	1,984	2·29	3,810	4·41	1,032	1·19	484	0·56	6,334	7·34
1887...	5,612	*6·36	1,981	2·24	3,866	4·38	1,070	1·21	570	0·64	6,490	7·35

* Increment of population is calculated.

Return showing the Number of Deaths and the Rate of Mortality exclusive of Still

SECTION.	Population by Census of 1881.	January.		February.		March.		April.		May.	
		Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.
2ND NAGPADA SECTION.											
Bellasis Junction Road	1,032	5	58·23	3	34·88	2	23·25	6	69·76	6	69·76
Temkur Street	2,118	8	45·32	12	67·99	11	62·32	9	50·99	9	50·99
Obelisk Road...	384	...	...	...	...	2	62·50	...	...	...	...
Hoozaria Street	2,672	8	35·92	9	40·41	6	26·94	9	40·41	4	17·96
Shaik Burun Camoodeen Street...	1,715	5	34·98	5	34·98	7	48·97	10	69·96	6	41·98
Parei Road	406	2	59·11	1	29·55	1	29·55	4	118·22	1	29·55
Nagpunchmee Lane	83	...	...	...	...	...	...	...	...	...	...
Oondria Street	1,947	10	61·62	11	67·79	14	86·28	9	55·47	6	36·97
Soorti Molla	466	4	103·00	...	...	...	...	5	128·75	2	51·50
Tank Street	2,322	7	36·17	4	20·67	8	41·34	5	25·83	5	25·83
Gordy Tank Street	534	...	...	...	...	...	...	...	...	...	...
Khandia Street	1,138	5	52·72	3	32·63	5	52·72	2	21·09	2	21·09
Upper Duncan Road	1,074	2	22·34	3	33·51	1	11·17	2	22·34	1	11·17
Duncan Road Cross Lane	31	...	...	...	...	...	...	...	...	...	...
Nagpada...	...	...	...	3	...	1	...	...	...	3	...
Total...	15,922	56	42·20	54	40·69	58	43·71	61	45·97	45	33·91
KAMATHIPURA SECTION.											
Kamathipura Bazar Street... ...	2,361	4	20·33	3	15·24	1	5·08	...	...	2	10·16
Bellasis Road	100	...	...	1	120·00	...	...	1	120·00	...	...
Kamathipura Centre Road... ...	1,080	...	...	...	...	...	...	...	...	...	...
Cursetjee Sooklajee Street	702	4	68·37	3	51·28	4	68·37	2	34·18	...	...
Upper Duncan Road	1,676	9	50·11	14	100·22	7	50·11	8	57·27	5	35·79
Foras Road	142	5	425·35	7	591·54	3	253·52	1	84·50	1	84·50
Grant Road	245	2	97·95	2	97·95	1	48·97	1	48·97	1	48·97
Kamathipura 1st Street	804	4	59·70	4	59·70	1	14·92	4	59·70	2	29·85
,, 2nd ,, ...	1,820	6	39·56	6	39·56	6	39·56	9	59·33	6	39·56
,, 3rd ,, ...	1,770	5	33·89	4	27·11	3	20·33	1	6·77	2	13·55
,, 4th ,, ...	1,256	3	28·66	3	28·66	4	38·21	4	38·21	1	9·55
,, 5th ,, ...	2,635	6	27·32	7	31·87	6	27·32	7	31·87	4	18·21
,, 6th ,, ...	679	5	88·35	3	53·01	4	70·69	4	70·69	4	70·69
,, 7th ,, ...	1,088	5	55·14	4	44·10	2	22·04	2	22·04	...	...
,, 8th ,, ...	1,914	6	37·60	9	56·42	12	75·20	3	18·80	3	18·80
,, 9th ,, ...	739	3	48·71	1	16·23	2	32·47	8	129·90	8	129·90
,, 10th ,, ...	818	6	88·01	3	44·01	6	88·01	3	44·01	8	117·34
,, 11th ,, ...	881	2	27·24	...	...	2	27·24	5	68·10	1	13·62
,, 12th ,, ...	581	4	82·60	4	82·60	2	41·30	...	...	3	61·96
,, 13th ,, ...	3,662	15	49·15	10	32·76	9	29·49	4	13·01	6	16·68
,, 14th ,, ...	1,122	3	32·08	2	21·30	3	32·08	3	32·08	...	...
,, 15th ,, ...	571	3	63·04	2	42·02	4	84·06	5	105·07	4	84·06
,, 16th ,, ...	250	...	...	1	48·00	...	...	...	...	...	...
Oomberkhari Sewer Road	1,559	...	...	...	...	...	...	...	...	...	...
Kamathipura...	...	2	...	...	...	...	...	...	...	...	...
Total...	28,455	102	43·01	93	39·21	82	34·58	75	31·62	61	25·72
TARDEO SECTION.											
Cursetjee Sooklajee Street... ...	1,864	3	19·21	3	19·21	3	19·21	1	6·43	5	32·18
Grant Road	1,510	5	39·73	2	15·89	1	7·94	2	15·89	4	31·78
Tardeo Road	1,507	1	7·96	...	...	...	...	1	7·96	1	7·96
Bellasis Road...	687	1	17·46	...	...	...	...	...	...	1	17·46
Gilder Street...	2,513	9	42·97	7	33·42	7	33·42	5	23·87	7	33·42
New Foras Lane	5,863	5	10·23	9	18·42	6	12·26	5	10·23	9	18·42
Falkland Road	2,424	4	19·80	...	...	3	14·85	3	14·85	7	34·65
Oomberkhari Sewer Road... ...	1,285	...	...	...	...	...	...	...	...	...	...
Chickelpara Lane and Wady ...	1,855	...	...	1	6·46	...	...	...	...	3	19·40
Sookhia Lane...	687	...	...	...	...	...	...	...	...	...	...
Methodist Church Lane	...	...	...	...	...	...	...	...	...	...	...
Annesley Road	86	...	...	1	139·53	...	...	...	...	...	...
Bapty Road	...	6	...	13	...	9	...	9	...	7	...
Charni Road...	...	3	...	2	...	...	...	2	...	2	...
Jairajbhoy Street	...	3	...	2	...	2	...	1	...	1	...
Total..	20,281	40	23·66	40	23·66	31	18·34	29	17·15	47	27·80
Grand Total...	64,658	198	36·74	187	34·67	171	31·73	165	30·62	153	28·38

Increment of population

born in 2nd Nagpada, Kamathipura and Tardeo Sections during the year 1887.

June.		July.		August.		September.		October.		November.		December.		Total.	
Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.	Number of Deaths.	Annual Rate of Mortality.
3	28·25	4	46·51	7	8·49	2	23·25	1	11·62	1	11·62	3	23·25	43	41·66
6	33·99	8	45·32	10	56·65	9	50·99	15	84·89	11	62·32	9	50·99	117	55·24
...	...	...	...	...	...	...	...	1	31·25	...	...	...	...	3	7·81
6	26·94	6	26·94	10	44·10	11	49·40	13	58·13	13	58·13	13	58·13	108	40·41
4	27·98	11	76·96	7	48·97	7	48·97	4	27·98	5	34·98	6	41·98	77	44·89
2	59·11	3	88·66	1	29·55	3	88·66	...	...	...	...	3	88·66	21	51·72
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	36·97	7	43·14	6	36·97	9	55·47	12	73·94	7	43·14	8	49·30	105	53·93
1	25·75	2	51·50	1	25·75	1	25·75	...	...	1	25·75	2	51·50	19	40·77
7	36·17	5	25·83	5	25·83	5	25·83	4	41·34	11	56·83	6	31·00	72	31·00
...	...	...	...	2	44·93	1	22·47	1	22·47	...	...	...	...	4	7·49
11	116·98	6	63·26	4	42·17	6	63·26	4	42·17	7	73·81	5	52·72	60	52·72
1	11·17	1	11·17	2	22·34	2	22·34	3	33·51	1	11·17	2	22·34	21	19·55
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
1	...	...	...	2	...	...	...	...	...	...	...	4	...	14	...
48	36·17	53	39·94	57	42·95	56	42·20	58	43·71	57	42·95	62	46·79	665	41·76
3	15·24	1	5·08	3	15·24	1	5·08	3	15·24	2	10·16	3	15·24	26	11·01
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	20·00
...	...	...	...	2	22·22	1	11·11	...	...	1	11·11	1	11·11	5	4·62
1	17·09	3	51·28	2	34·18	2	34·18	...	...	3	51·28	1	17·09	25	35·61
7	50·11	7	50·11	14	100·22	9	64·43	9	64·43	6	42·95	9	64·43	104	62·05
3	253·52	1	84·50	1	84·50	1	84·50	1	84·50	...	...	...	...	24	169·01
2	97·95	1	48·97	...	...	...	...	4	195·90	...	...	1	48·97	15	61·22
6	89·55	4	59·70	1	14·92	6	89·55	5	74·62	3	44·77	5	74·62	45	55·97
3	19·78	7	46·15	5	32·91	2	13·18	6	39·56	6	39·56	9	59·33	71	39·01
6	40·67	6	40·67	12	81·35	8	54·24	8	54·24	1	6·77	4	27·11	60	33·89
2	19·10	8	76·42	3	28·66	5	47·77	5	47·77	4	38·21	6	57·32	48	38·21
5	22·77	6	27·32	9	40·98	8	36·42	13	59·19	16	72·84	6	27·32	93	35·29
4	70·69	1	17·52	3	53·01	4	70·69	4	70·69	2	35·34	6	106·02	44	64·80
4	44·10	...	...	1	11·02	2	22·04	1	11·02	4	44·10	6	66·14	31	28·49
4	25·10	1	6·27	7	43·88	5	31·34	8	51·52	10	62·70	8	51·52	76	39·70
7	113·66	3	48·71	4	64·95	3	48·71	5	81·19	4	64·95	4	64·95	52	70·36
6	88·01	3	44·01	4	58·67	5	73·34	7	102·68	2	29·32	5	73·34	58	70·90
3	40·86	1	13·62	1	13·62	2	27·24	6	81·72	...	...	1	13·62	24	27·24
3	61·96	3	61·96	5	103·27	2	41·30	3	61·96	...	...	4	82·60	33	56·79
13	42·59	8	26·21	19	62·26	17	52·60	11	36·84	11	36·84	12	39·32	135	36·31
4	42·60	1	10·67	1	10·67	7	74·86	3	32·08	5	53·47	4	42·60	36	32·08
5	105·07	2	42·02	1	21·01	5	105·07	4	84·06	1	21·01	4	84·06	40	70·05
1	48·00	...	...	...	...	...	...	...	...	...	...	...	...	2	7·99
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	0·64
...	...	...	...	...	...	2	...	1	...	1	...	...	...	6	...
92	38·79	67	28·25	98	41·32	97	40·90	107	45·12	82	34·58	100	42·17	1,056	37·11
1	6·43	6	38·42	3	19·21	1	6·43	1	6·43	5	32·18	2	12·87	34	18·24
2	15·89	3	23·84	3	23·84	2	15·89	7	55·62	2	15·89	2	15·89	35	23·17
...	...	...	...	...	...	1	7·96	3	23·88	...	...	...	...	7	4·64
...	...	1	17·46	3	52·40	...	...	2	34·93	...	...	...	...	8	11·64
3	14·32	5	23·87	11	52·52	3	14·32	7	33·42	6	28·65	6	28·65	76	30·24
9	18·42	17	34·79	14	28·65	8	16·37	10	20·46	12	24·56	6	12·26	110	18·16
4	19·80	2	9·90	2	9·90	2	9·90	6	29·70	4	19·80	2	9·90	39	16·08
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	6·47	...	...	...	...	3	19·40	2	12·93	...	...	10	5·39
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	1	139·53	...	...	...	...	...	...	2	23·25
7	...	7	...	7	...	9	...	8	...	12	...	9	...	103	...
...	...	2	...	6	...	2	...	...	...	3	...	1	...	23	...
5	...	...	...	2	...	4	...	3	...	1	...	1	...	25	...
31	18·34	44	25·03	51	30·17	33	19·52	50	29·58	47	27·80	29	17·15	472	23·27
171	31·73	144	26·72	206	38·23	186	34·57	215	39·90	186	34·52	191	35·44	2,193	33·91

not calculated.

RETURN showing the Number of Deaths and the Rate of Mortality for the year 1887.

		Population by Census of 1881.	January.		February.		March.		April.		May.		June.		July.		August.		Sept.		October.		Nov.		Dec.		Total.	
			No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Annual Rate of Mortality per 1,000 of Population.	No. of Deaths.	Mortality per 1,000 of Population.
Kamathipura.	2nd Nagpada...	15,922	56	40·22	54	40·69	58	43·71	61	45·97	45	33·91	48	36·17	53	39·94	57	42·95	56	42·20	58	43·71	57	42·95	62	46·79	665	41·76
	Kamathipura...	28,455	102	43·01	93	39·21	82	34·58	75	31·62	61	25·72	92	38·79	67	28·25	98	41·32	97	40·90	107	45·12	82	34·58	100	42·17	1,056	37·11
	Tardeo	20,281	40	23·66	40	23·66	31	18·34	29	17·15	47	27·80	31	18·34	44	26·03	51	30·17	33	19·52	50	29·58	47	27·80	29	17·15	472	23·27
		64,658	198	36·74	187	34·67	171	31·73	165	30·62	153	28·38	171	31·73	144	26·72	206	38·23	186	34·52	215	39·90	186	34·52	191	35·44	2,193	33·91

Increment of population is not calculated

RETURN showing the Number of Deaths from different causes in KAMATHIPURA in the following years :—

YEARS.	DEATHS IN KAMATHIPURA.									
	Small-pox.	Measles.	Cholera.	Fever.	Diseases of Nervous System.	Diseases of Respiratory System.	Diarrhœa.	Dysentery.	Other Causes not Epidemic.	All Causes except Still-born.
1873	55	5	2	569	109	167	93	121	343	1,464
1874	21	31	1	396	129	246	79	144	485	1,532
1875	27	151	77	359	154	261	134	186	531	1,880
1876	388	2	9	442	181	224	101	167	734	2,248
1877	95	89	160	1,042	262	439	206	232	693	3,218
1878	26	64	106	1,042	167	499	240	240	1,075	3,459
1879	36	48	18	711	137	383	155	156	860	2,504
1880	42	125	1	769	160	384	105	123	836	2,545
1881	13	17	47	631	178	475	140	92	746	2,339
1882	9	84	11	528	179	397	154	58	696	2,116
1883	118	18	103	625	231	378	144	55	745	2,417
1884	17	57	31	741	205	363	124	59	720	2,317
1885	6	29	53	684	208	415	104	61	696	2,256
1886	...	63	3	547	159	441	121	53	707	2,094
1887	7	76	19	541	167	452	114	69	748	2,193
Total	860	859	641	9,627	2,626	5,524	2,014	1,816	10,615	34,582

No. 651 of 1888-89.

From the SUPERINTENDENT of MARKETS,
SLAUGHTER HOUSES, &c.,

To the ACTING MUNICIPAL COMMISSIONER,
Bombay.

Arthur Crawford Market Office,
Bombay, 2*nd July* 1888.

Sir,

I have the honour to forward herewith my annual report for the official year 1887-88, with tabulated statements showing the number of Municipal Markets and Private Markets throughout the city, the amounts of Markets and Slaughter House fees, &c., collected under the Municipal Acts and By-laws of 1872 and 1878, in the different Municipal Markets and Slaughter Houses under my management during the year under report.

2. Appended hereto are tabulated statements Nos. 1, 2, 3, 4, 5 and 6, and are in numerical order.

Statement No. 1 gives the number of markets with the amount of fees received from squatters and stall-holders in each market, together with the amount of slaughter fees, &c., derived during the year 1887-88, and showing the increase and decrease in the total amount of Market and Slaughter House fees compared with those of 1886-87.

Statement No. 2 shows the number of animals slaughtered during the twelve months, *viz.* from April 1887 to March 1888 at Bandora and in Bombay for public and private purposes.

Statement No. 3 shows the amount of revenue derived from the Markets and Slaughter Houses during the last ten years, *viz.* from 1878 up to 1887-88.

Statement No. 4 is a record of the quantity of unwholesome food destroyed during the year 1887-88.

Statement No. 5 shows the number of convictions by the Presidency Magistrates during the year under report.

Statement No. 6 shows the number of Markets and Slaughter House employés fined and punished departmentally for neglect of duty, &c., during the year.

Remarks on statements Nos. 1, 2, 3, 4, 5 and 6.

3. In reference to statement No. 1, it will be observed that there is a decrease of Rs. 65-12-1 in the Fort Market. This is attributed to the right of collecting squatters' fees having been sold by public auction at a lower rate than in the preceding year, and the number of squatters allowed to sit on the streets in the vicinity of the markets notwithstanding the Police Commissioner's circular.

The increase of Rs. 315-8 in the Arthur Crawford Beef Market is due to a number of stalls which were unoccupied during the preceding year being occupied during the year under report.

In the same way there is an increase of Rs. 680-7-0 in the Arthur Crawford Fish and Mutton Market, due partly to the right of collecting squatters' fees having been sold for a higher sum than in the preceding year, and partly due to a number of stalls which were unoccupied during the preceding year being occupied this year.

There is a decrease of Rs. 74-7-4 in the Arthur Crawford Fruit and Vegetable Market. This is due to a couple of temporary stall-holders having vacated their stalls during the year.

There is a decrease of Rs. 754-4-0 owing to the godowns being partially destroyed by fire on the 29th of January 1888.

There is apparently a decrease of Rs. 7 owing to the rent of one fowl-room not having been recovered within the year, but was received on the 31st March, and was sent to the Municipal Treasury, on the 4th April, the Municipal Offices being closed on account of Easter holidays.

An increase of Rs. 1,071-4-0 is shown in the Erskine Road Fish and Mutton Market. This is partly due to the right of collecting squatters' fees having been sold by public auction at a higher rate than in the preceding year, and partly to the number of salt-fish stalls which were unoccupied during the preceding year being occupied by the butchers during the year under report.

An increase of Rs. 1,034-9-1 is shown in the Erskine Road Fruit and Vegetable Market. This is due to a number of stalls which were vacant last year being occupied this year.

There is an increase of Rs. 125-9-8 shown in the Bhooleshwar Market. This increase is chiefly due to squatters having been driven in from the public roads to the market by the Police of that division.

The increase of Rs. 10-10-0 in the Pedder Markets is due to the squatters' fees contract having been sold for a higher amount than in the preceding year.

There is an increase of Rs. 3 under the head of Prices Current forms. This is due to the number of papers purchased and published by the *Bombay Gazette* and other public offices.

There is a decrease of Rs. 29-2-8 in the contributions by Private Markets' owners. This is due to the fact of the Private Vegetable Market in the "Fort," Modykhana Street, having been closed during the year.

Under miscellaneous headings there is an increase of Rs. 29-14-0 in the amount of proceeds of articles found in the markets and appropriated by the Municipality under the By-laws and for attending the Courts with Markets' records, &c.

The miscellaneous headings also show a decrease on last year of Rs. 373-8-0 due to the removal of Telephone Exchange from Arthur Crawford Market Office and having no garden produce during the year.

There is an increase of Rs. 1,997-14-0, owing to a greater number of animals having been slaughtered during the year under report.

Compared with last year, there is also an increase of Rs. 1,841 in the license fees received from butchers.

There is apparently a decrease of Rs. 181 under the head of Chawl rents compared with last year. This is due to the rents not having been collected in the usual way in advance.

The fair ground rent and feeding fees show an increase of Rs. 5,594, which is more than in the preceding year, and shows that the trade at Bandora is still improving.

There is a decrease of Rs. 15 under the head of revenue for the right of catching fish in the quarry holes in the compound. This is attributable to the quarry holes having been filled up during the year.

Under miscellaneous headings (Slaughter Houses) there is a decrease of Rs. 62-12-0. This is owing to the small number of meat-van bullocks that was cast, and no unclaimed animals having been found during the year.

After deducting the total decrease of Rs. 1,562-14-1 for the whole year under report from the total increase of Rs. 12,703-11-9, under all heads, there is still a net increase of Rs. 11,140-13-8 for the year. The total amount of revenue from Markets and Slaughter Houses is Rs. 3,04,516-8-10 against Rs. 2,93,375-11-2 for the same period of 1886-87.

4. Statement No. 2 shows the number of buffaloes, bullocks, cows, calves, sheep, goats, and pigs slaughtered for the Bombay Markets; also the number of sheep and goats slaughtered for Mahim and Bandora; the number of horned cattle, as well as sheep and goats slaughtered by the Commissariat; the number of horned cattle, sheep and goats brought alive into Bombay for slaughter for religious purposes, &c., during the year under report.

5. Statement No. 3 is a comparative statement showing the amounts received under the different headings of Markets and Slaughter Houses revenue during the last ten years, *viz.* from 1878 to 1887-88. The causes for increase and decrease are already explained in statement No. 1.

6. Statement No. 4 gives the total amount of unwholesome food destroyed during the year, which amounts to 23 tons 4 cwts. and 4 lbs., against 27 tons 14 cwts. and 5¾ lbs. for the preceding year.

7. Statement No. 5 shows the number of convictions obtained before the Presidency Magistrates under the Municipal Acts and By-laws during the year. The total number of convictions were 110 against 182 in the previous year, and the amount of fines is Rs. 541-4-0 against Rs. 812-6-0.

There is a serious falling off in the number of convictions for breaches of the Municipal Acts and By-laws relating to the Markets and Slaughter Houses owing to the Presidency Magistrate's forcing us to proceed, in all cases by summons, large number of which cannot be served on the defendants as they generally give wrong names and addresses, and when we do succeed in serving some of the summonses and sometimes as many as three on the same defendants, they refuse to attend the courts, knowing that the Magistrates will not grant warrants for their arrest, and the Police will not give any assistance as our cases are not cognizable offences, so that we actually have no remedy.

8. During the early part of the year European fruit and vegetables were plentiful, large, good and cheap in the Bombay Markets; but during the latter part of the year under report, they were scarce and small, owing to the lateness and excessive heavy downfall of rain during the Christmas time; we had a very poor show, excepting Nagpore oranges which were very large and good.

In October 1887, twenty-eight baskets of Cashmere apples and 15 casks of Cabul grapes were imported for the markets, but they were insipid.

In November 1887, 320 boxes of Mediterranean apples and 90 casks of white Mediterranean grapes were sold in the markets; the grapes were fairly good, but the apples were a poor sort.

In December 1887, 545 boxes of Verona apples were sold in the Arthur Crawford Markets to the dealers; they were a little better than the former lot. The Nagpore oranges and sweet lemons were large, good and plentiful during the season.

In December 1887 and January 1888, cabbages, cauliflowers and beet were plentiful and cheap, but we should have had them in November, and they were not up to former years in size or flavour.

In January 1888, 60 baskets of Cashmere apples arrived in the markets; they were hard and a little better than the previous ones from the same country.

In February 1888, there was a plentiful supply of grapes from Aurungabad; they were small but well flavoured.

In March 1888, 90 boxes of Verona apples were brought to the Arthur Crawford Markets, but half had to be destroyed, as they were a bad sort of apple, and had become rotten on the passage.

Native vegetables were plentiful and cheap as usual during the year. The market people state that this is the least remunerative year they have had for a long time, and particularly so about Christmas and New Year time, owing, it is said, to be attributable to all the wealthier classes keeping out of Bombay during the year.

I have again to bring to the notice of the Municipal Commissioner the great deterioration in the horned cattle brought to Bandora for butchers' meat, and the very great difficulty there is in gathering good draught bullocks in Bombay. The dealers state that this is owing to the severe restrictions of Government by which the growers are deprived of the free grazing which they formerly enjoyed ; consequently the beef supply during the year was poor and about 1 per cent. of it was maggotty and unfit for food. The mutton, European and country, was fairly good, and about which we had no complaints, but the complaints regarding the beef were many and very bitter ; and these complaints, I must admit, are attributable to our present chiefly ridiculous system of carrying the butchers' meat from Bandora to Bombay—a system which would not be tolerated for five minutes in any other city in the world. I speak from experience and practical knowledge (our meat is actually stinking by the time it arrives in Bombay). With the railway at the Slaughter House doors at Bandora, and almost having into the Markets' gates in Bombay, to be now crawling along 10 miles of filthy, stuffy, stinking roads, at 3½ to 4 miles an hour, could never have been anticipated when the Markets and Slaughter Houses were established over 20 years ago. The butchers and dealers still complain of the want of shelter and accommodation for their animals at Bandora. The compound was partially improved by the filling in of the quarry holes, but the compound is still under water during the rains.

There were two new private markets opened during the year, *viz.* Mr. Adamjee Peerbhoy's at Dhobee Talao, and Mr. R. N. Khote's at the DeLislie Road. The former is partially a failure, while the latter totally collapsed as, I informed the owners and the Municipal Commissioner, would be the case. There was also a private Vegetable Market in the Fort which had to be shut up for want of patronage, and the private markets at Haines Road and Dadar are empty and must eventually close.

In conclusion, I must bring to the notice of the Acting Municipal Commissioner the *fact* that two or three days before Mr. Ollivant's departure for Europe, in my presence gave *strict* orders to the Executive Engineer to have the *sculptured* marble prepared and placed in the central arch at the base of the tower of the Arthur Crawford Market, and the marble tablet recording the erection and establishment of the Arthur Crawford Markets during the year under report ; but up to date no attempt has been made to carry out the Municipal Commissioner's orders, though the Executive Engineer told the Municipal Commissioner that he would have the work completed at once.

I have the honour to be,

Sir,

Your most obedient servant,

P. C. HIGGINS,

Superintendent of Markets, Slaughter Houses, &c.

Statement

No. 652

STATEMENT showing the Number of Markets, the amount of Fees amount of Slaughter Fees, &c., during the year in the total amount of Market and Slaughter

	Amount received for Stall Rents during the year 1886-87.	Amount received from Squatters collected departmentally during the year 1886-87.	Amount paid into the Controller's Office by the Contractors, &c., during the year 1886-87.	Total for 1886-87.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Fort General Market	5,676 14 0	92 9 7	1,600 0 0	7,369 7 7
Arthur Crawford Beef Market	8,393 0 0	....	1,400 0 0	9,793 0 0
Do. Fish and Mutton Market	9,505 0 0	....	5,650 0 0	15,155 0 0
Do. Fruit and Vegetable Market	43,409 3 0	184 10 1	....	43,593 13 1
Do. Godowns	4,687 0 0	....	....	4,687 0 0
Do. Fowl Rooms	2,688 0 0	....	....	2,688 0 0
Erskine Road Fish and Mutton Market	8,671 12 0	....	12,000 0 0	20,671 12 0
Do. Fruit and Vegetable Market	22,124 10 3	598 5 6	....	22,722 15 9
Bhuleshwar Market	5,445 12 0	1,118 5 9	....	6,564 1 9
Pedder Market	1,113 12 0	0 2 0	1,500 0 0	2,613 14 0
Pork Market	80 0 0	....	....	80 0 0
Prices Current Forms	9 3 0	....	....	9 3 0
Contribution from Private Market Owners	2,834 8 0	....	....	2,834 8 0
MISCELLANEOUS.				
Garden Produce	75 0 0	....	....	75 0 0
Amount of Proceeds of Articles, &c., found in the Markets	....	....	....	....
For attending Courts	5 0 0	....	....	5 0 0
Inspection Fees	2 0 0	....	....	2 0 0
Rent from the Telephone Company	498 0 0	....	....	498 0 0
Halkarees' Tickets	0 8 0	....	....	0 8 0
Total..Rs.	1,15,219 2 3	1,994 0 11	22,150 0 0	1,39,363 3 2
Slaughter Fees	88,940 12 0	....	....	88,940 12 0
Butchers' License Fees	7,131 0 0	....	....	7,131 0 0
Chawl Rents	1,963 0 0	....	....	1,963 0 0
Fair Ground Rent and Feeding Fees, &c.	72 0 0	....	52,400 0 0	52,472 0 0
Revenue of Toddy Trees	25 0 0	....	....	25 0 0
Do. for the right of catching Fish from Quarry holes	25 0 0	....	....	25 0 0
Carriage of Meat (from Commissariat Contractors).	48 0 0	....	....	48 0 0
Rent from the Commissariat Department	....	....	3,000 0 0	3,000 0 0
Do. Brigadier-General	....	....	200 0 0	200 0 0
Proceeds of blood from Messrs. Rogers & Co.	....	....	....	....
Do. of unclaimed Animals	12 12 0	....	....	12 12 0
Feeding Fees for rejected Animals	19 0 0	....	....	19 0 0
Proceeds of Meat-van bullocks sold by public auction	176 0 0	....	....	176 0 0
Total..Rs.	98,412 8 0	....	55,600 0 0	1,54,012 8 0
Grand Total..Rs.	2,13,631 10 3	1,994 0 11	77,750 0 0	2,93,375 11 2

No. 1.

OF 1888-89.

received from Squatters and Stall-holders in each Market, and the 1887-88, and showing the Increase and Decrease House Fees compared with those of 1886-87.

Amount received for Stall Rents during the year 1887-88.	Amount received from Squatters collected departmentally during the year 1887-88.	Amount paid into the Controller's Office by the Contractors, &c., during the year 1887-88.	Total for 1887-88.	Increase.	Decrease.	Total of Increase and Decrease in 1887-88 compared with 1886-87.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5,697 12 0	105 15 6	1,500 0 0	7,303 11 6	....	65 12 1	....
2,708 8 0	....	1,400 0 0	10,108 8 0	315 8 0	....	....
9,860 7 0	....	5,975 0 0	15,835 7 0	680 7 0	....	....
43,335 0 0	184 5 9	....	43,519 5 9	....	74 7 4	....
3,932 12 0	....	....	3,932 12 0	....	754 4 0	....
2,681 0 0	....	....	2,681 0 0	....	7 0 0	....
8,845 0 0	....	12,900 0 0	21,743 0 0	1,071 4 0	....	....
22,696 6 0	1,061 2 10	....	23,757 8 10	1,034 9 1	....	....
5,455 0 0	1,234 11 5	....	6,689 11 5	125 9 8	....	....
1,099 4 0	0 4 0	1,525 0 0	2,624 8 0	10 10 0	....	....
80 0 0	....	....	80 0 0	....	....	....
12 3 0	....	....	12 3 0	3 0 0	....	....
2,805 5 4	....	....	2,805 5 4	....	29 2 8	....
....	....	....	....	....	75 0 0	....
18 14 0	....	....	18 14 0	18 14 0	....	....
16 0 0	....	....	16 0 0	11 0 0	....	....
2 0 0	....	....	2 0 0	....	....	....
200 0 0	....	....	200 0 0	....	298 0 0	....
....	....	....	....	....	0 8 0	....
1,15,443 7 4	2,586 7 6	23,300 0 0	1,41,329 14 10	3,270 13 9	1,304 2 1	1,966 11 8
90,938 10 0	....	....	90,938 10 0	1,997 14 0	....	....
8,972 0 0	....	....	8,972 0 0	1,841 0 0	....	....
1,782 0 0	....	....	1,782 0 0	....	181 0 0	....
66 0 0	....	58,000 0 0	58,066 0 0	5,594 0 0	....	....
25 0 0	....	....	25 0 0	....	....	....
10 0 0	....	....	10 0 0	....	15 0 0	....
48 0 0	....	....	48 0 0	....	....	....
....	....	3,000 0 0	3,000 0 0	....	....	....
....	....	200 0 0	200 0 0	....	....	....
....	....	....	....	....	....	....
....	....	....	....	....	19 12 0	....
....	....	....	....	....	19 0 0	....
145 0 0	....	....	145 0 0	....	31 0 0	....
1,01,986 10 0	....	61,200 0 0	1,63,186 10 0	9,432 14 0	258 12 0	9,174 2 0
2,17,430 1 4	2,586 7 6	84,500 0 0	3,04,516 8 10	12,703 11 9	1,562 14 1	11,140 13 8

P. C. HIGGINS,

Superintendent of Markets, Slaughter Houses, &c.

Statement No. 2.

No. 654 of 1888-89.

STATEMENT of NUMBER of ANIMALS SLAUGHTERED during 12 Months, from 1st April 1887, to 31st March 1888, at Bandora and in Bombay, for Private and Public purposes.

	No. of Buffaloes.	No. of Cows and Bullocks.		No. of Calves.	No. of Sheep and Goats.	No. of Sheep and Goats for Mahim.	No. of Sheep and Goats for Bandora.	No. of Horned Cattle by the Commissariat.	No. of Sheep and Goats by the Commissariat.	No. of Pigs.	No. of Live Horned Cattle come to Bombay, and for Private purposes.	No. of Live Sheep and Goats come to Bombay, and for Private purposes.
		Bullocks.	Cows.									
April 1887...	257	1,430	529	5	35,118	1,140	1,071	87	290	84	47	3,289
May ,, ...	259	1,537	475	14	35,908	1,372	1,370	87	318	72	41	4,047
June ,, ...	261	1,477	418	4	36,007	1,541	1,362	80	310	83	34	3,368
July ,, ...	279	1,237	402	10	33,937	1,282	954	86	309	78	29	4,471
August ,, ...	279	1,147	436	1	34,586	1,096	895	93	307	58	121	6,264
September ,, ...	270	1,299	333	17	37,011	1,013	943	83	263	53	65	3,643
October ,, ...	277	1,219	525	6	34,076	1,047	849	89	362	69	45	2,438
November ,, ...	268	1,349	598	17	35,029	1,056	859	103	442	57	505	2,870
December ,, ...	275	1,676	655	...	40,917	1,465	936	103	338	92	109	3,608
January 1888...	277	1,687	585	8	41,432	1,202	943	103	414	60	110	3,947
February ,, ...	259	1,392	615	...	37,956	1,245	840	124	563	66	31	5,108
March ,, ...	279	1,559	523	22	36,535	892	831	110	347	76	116	2,701
	3,240	17,009	6,094	104	438,512	14,351	11,853	1,148	4,263	848	1253	45,754

P. C. HIGGINS,
Superintendent of Markets, Slaughter Houses, &c.

Statement No. 3.

No. 653 of 1888-89.

The following Table shows the Revenue derived from the Markets and Slaughter Houses for the last 10 years since 1878 to 1887-88 :—

	1878.	1879.	1880.	1881.	1882.	1st Quarter of 1883.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Slaughter Fees, &c...	80,922 7 0	75,858 12 0	74,457 0 0	79,423 3 8	79,088 12 0	19,654 11 0	80,896 11 0	86,834 9 0	90,045 11 0	88,940 12 0	90,938 10 0
Market Fees	1,10,714 15 8	1,12,948 8 4	1,11,594 5 10	1,15,422 5 6	1,20,443 10 3	31,940 10 9	1,25,452 5 2	1,29,562 4 10	1,30,753 4 6	1,35,939 0 2	1,38,275 8 6
Ground Rents	29,160 0 0	29,160 0 0	36,420 0 0	36,421 0 0	36,515 0 0	12,578 0 0	46,718 0 0	51,738 0 0	49,077 0 0	52,472 0 0	58,066 0 0
Chawl Rents.....	1,412 0 0	1,615 0 0	1,463 0 0	1,353 0 0	1,647 0 0	241 0 0	1,628 0 0	1,522 0 0	1,979 0 0	1,963 0 0	1,782 0 0
Butchers' License Fee.	1,237 0 0	2,732 0 0	2,976 8 0	4,225 8 0	6,291 8 0	2,944 0 0	6,877 0 0	7,295 0 0	8,490 0 0	7,131 0 0	8,972 0 0
Commissariat Rent,&c.	4,160 0 0	4,160 0 0	4,160 0 0	4,160 0 0	3,130 10 4	800 0 0	3,400 0 0	3,300 0 0	3,200 0 0	3,200 0 0	3,200 0 0
Miscellaneous Fees,&c.	2,196 13 11	2,306 12 9	2,497 7 0	2,868 4 6	4,391 2 7	593 0 0	2,567 3 1	2,924 14 0	3,810 10 0	3,729 15 0	3,282 6 4
Total...Rs.	2,29,803 4 7	2,28,281 1 1	2,33,568 4 10	2,43,373 5 8	2,51,507 11 2	68,751 5 9	2,67,529 3 3	2,83,176 11 10	2,86,855 9 6	2,93,375 11 2	3,04,516 8 10

P. C. HIGGINS,
Superintendent of Markets, Slaughter Houses, &c.

Statement No. 4.

No. 655 OF 1888-89.

RETURN OF UNWHOLESOME FOOD DESTROYED DURING THE YEAR 1887-88.

Description.	Section of Act.	Quantity destroyed during the Year.	Remarks.
		lbs.	
Mutton	244	6,140	Destroyed at Bandora.
Beef		25,750	
Mutton		378	Destroyed in Bombay.
Beef		12,364	
Fish		2,624	
Fruit		1,010	
Vegetables		1,197	
Corn		728	
Sweetmeat		104	
Coffee		1,232	
Pork		445	
Total...		51,972	Tons. cwt. qrs. lbs. 23 4 0 4

P. C. HIGGINS,
Superintendent of Markets, Slaughter Houses, &c.

Statement No. 5.

No. 656 of 1888-89.

RETURN OF CONVICTIONS DURING THE YEAR 1887-88.

Date.	NATURE OF OFFENCE.	Section of the Act.	Penalty inflicted. Rs. a. p.
1887.			
April 5th...	Exposing for sale decayed fruit intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	7 0 0
April 14th...	Exposing for sale putrid fish intended for human food, the same being unfit for such food.	Do. ...	4 0 0
April 15th...	Having in his possession diseased meat (buffaloe) intended for human food, the same being unfit for such food.	Do. ...	60 0 0
Do. ...	Do. do.	Do. ...	15 0 0
Do. ...	Slaughtering a goat within the city of Bombay, without pass or permission from the Municipal Commissioner.	Section A, Chapter IV., Clause X. of the Municipal By-laws.	0 4 0
Do. ...	Carrying on the trade of a butcher within the city of Bombay, without having previously obtained a license from the Municipal Commissioner.	Section 235 of the Municipal Act.	1 0 0
April 21st...	Exposing for sale putrid fish intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
		Carried over...	97 4 0

RETURN OF CONVICTIONS—*continued.*

Date.	NATURE OF OFFENCE.	Section of the Act.	Penalty inflicted.
			Rs. a. p.
		Brought forward...	97 4 0
April 21st...	Exposing for sale putrid fish intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
April 24th...	Assaulting a market peon while on duty.....	Police Act	2 0 0
May 7th...	Having in his possession diseased buffaloe meat (maggoty) intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	50 0 0
Do. ...	Carrying on the trade of a butcher within the city of Bombay, without having previously obtained a license from the Municipal Commissioner.	Section 235 of the Municipal Act.	10 0 0
Do. ...	Do. do.	Do. ...	10 0 0
May 12th...	Having in his possession diseased meat (buffaloe) intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	25 0 0
May 19th...	Do. do.	Do. ...	15 0 0
June 1st...	Exposing for sale putrid fish intended for human food, the same being unfit for such food.	Do. ...	0 8 0
Do. ...	Do. do.	Do. ...	0 8 0
Do. ...	Do. do.	Do. ...	0 8 0
June 13th...	Carrying on the trade of a butcher within the city of Bombay, without having previously obtained a license from the Municipal Commissioner.	Section 235 of the Municipal Act.	7 0 0

June	13th...	Carrying on the trade of a butcher within the city of Bombay, without having previously obtained a license from the Municipal Commissioner.	Section 235 of the Municipal Act.	7	0	0
Do.	...	Continual smoking within the limits of the Municipal markets after having been repeatedly warned not to do so.	Section A, Chapter V., Clause F of the Municipal By-laws.	2	0	0
June	23rd...	Bringing meat for Kurla into the city of Bombay, not slaughtered at the authorized Municipal slaughter-house at Bandora, without pass or permission from the Municipal Commissioner.	Section A, Chapter IV., Clause XI. of the Municipal By-laws.	5	0	0
Do.	...	Exposing for sale putrid mutton intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	10	0	0
July	1st .	Exposing for sale putrid fish intended for human food, the same being unfit for such food.	Do. ...	1	0	0
July	11th...	Continual smoking within the limits of the Municipal markets after having been repeatedly warned not to do so.	Section A, Chapter V., Clause F of the Municipal By-laws.	0	8	0
Do.	...	Having in his possession diseased meat (buffaloe) intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	20	0	0
July	14th...	Carrying on the trade of a butcher within the city of Bombay, without having previously obtained a license from the Municipal Commissioner.	Section 235 of the Municipal Act.	7	0	0
July	15th...	Bringing (Pork) meat from Kurla into the city of Bombay, not slaughtered at the authorized Municipal slaughter-houses in Sonapore, Bombay, without pass or permission from the Municipal Commissioner.	Section A, Chapter IV., Clause XI. of the Municipal By-laws.	5	0	0
Do.	...	Do. do.	Do. ...	5	0	0
Do.	...	Do. do.	Do. ...	5	0	0
Do.	...	Do. do.	Do. ...	5	0	0
Do.	...	Do. do.	Do. ...	5	0	0
			Carried over...	307	4	0

RETURN OF CONVICTIONS—*continued.*

Date.	NATURE OF OFFENCE.	Section of the Act.	Penalty inflicted. Rs. a. p.
		Brought forward...	307 4 0
July 16th...	Exposing for sale diseased meat intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	10 0 0
July 30th...	Bringing (Pork) meat from Kurla into the city of Bombay, not slaughtered at the authorized Municipal slaughter house in Sonapore "Bombay," without pass or permission from the Municipal Commissioner.	Section A, Chapter IV., Clause XI. of the Municipal By-laws.	3 0 0
Do. ...	Do. do.	Do. ...	3 0 0
Do. ...	Do. do.	Do. ...	3 0 0
August 1st...	Exposing for sale diseased meat (buffaloe) intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	25 0 0
Do. ...	Do. do.	Do. ...	15 0 0
August 8th...	Exposing for sale putrid fish intended for human food, the same being unfit for such food.	Do. ...	2 0 0
August 10th...	Having in his possession diseased and putrid meat (buffaloes) intended for human food, the same being unfit for such food.	Do. ...	20 0 0
Do. ...	Carrying on the trade of a butcher within the city of Bombay, without having previously obtained a license from the Municipal Commissioner.	Section 235 of the Municipal Act.	5 0 0
August 15th...	Occupying a place in the Municipal markets without pass or permission from the Municipal Commissioner.	Section 240 of the Municipal Act.	1 0 0
August 25th...	Bringing meat (buffaloe from Kurla into the city of Bombay, not slaughtered at the authorized Municipal slaughter-houses at Bandora, without pass or permission from the Municipal Commissioner.	Section A, Chapter IV., Clause XI. of the Municipal By-laws.	5 0 0

August 30th...	Slaughtering a cow within the city of Bombay, without pass or permission from the Municipal Commissioner.			Section A, Chapter IV., Clause X. of the Municipal By-laws.	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
Do. ...	Do.	do.	.....	Do. ...	0	8	0
				Carried over...	412	12	0

RETURN OF CONVICTIONS—*continued.*

Date.	NATURE OF OFFENCE.	Section of the Act.	Penalty inflicted. Rs. a. p.
		Brought forward...	412 12 0
August 30th...	Slaughtering a cow within the city of Bombay, without pass or permission from the Municipal Commissioner.	Section A, Chapter IV., Clause X. of the Municipal By-laws.	0 8 0
Do. ...	Do. do.	Do. ...	0 8 0
Sept. 12th...	Bringing diseased meat (buffaloe) from Kurla into the city of Bombay, not slaughtered at the authorized Municipal slaughter-houses at Bandora, without pass or permission from the Municipal Commissioner.	Section A, Chapter IV., Clause XI. of the Municipal By-laws.	3 0 0
Do. ...	Do. do.	Do. ...	3 0 0
Do. ...	Do. do.	Do. ...	3 0 0
Do. ...	Do. do.	Do. ...	5 0 0
Sept. 16th...	Do. do.	Do. ...	0 8 0
Sept. 17th...	Slaughtering a pig within the city of Bombay, without pass or permission from the Municipal Commissioner.	Section A, Chapter IV., Clause X. of the Municipal By-laws.	
Sept. 21st...	Carrying on the trade of a butcher within the city of Bombay, without having previously obtained a license from the Municipal Commissioner.	Section 235 of the Municipal Act.	5 0 0
Do. ...	Do. do.	Do. ...	5 0 0
Oct. 17th...	Exposing for sale putrid mutton intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	10 0 0
Oct. 31st...	Continual smoking within the limits of the Municipal markets after having being repeatedly warned not to do so.	Section A, Chapter V., Clause F of the Municipal By-laws.	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Nov. 1st...	Having in his possession putrid meat (buffaloe) intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	2 0 0

Nov. 1st...	Having in his possession putrid meat (buffalo intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Nov. 8th...	Exposing for sale putrid fish intended for human food, the same being unfit for such food.	Do. ...	7 0 0
Nov. 11th...	Pick-pocketting in Arthur Crawford market	Police Act ...	.....*
Nov. 8th...	Exposing for sale putrid fish intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	7 0 0
Do. ...	Do. do.	Do. ...	7 0 0
Nov. 21st...	Having in his possession diseased meat (buffalo) intended for human food, the same being unfit for such food.	Do. ...	30 0 0
Nov. 26th...	Bringing meat (buffalo) from Karla into the city of Bombay, not slaughtered at the authorized Municipal slaughter-houses at Bandora, without pass or permission from the Municipal Commissioner.	Section A, Chapter IV., Clause XI., of the Municipal Bye-laws.	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
Do. ...	Do. do.	Do. ...	2 0 0
1888.	Carrying on the trade of a butcher within the city of Bombay, without having previously obtained a license from the Municipal Commissioner.	Section 235 of the Municipal Act.	5 0 0
March 6th...	Having in his possession putrid meat intended for human food, the same being unfit for such food.	Section 244 of the Municipal Act.	7 0 0
March 15th...	Exposing for sale rancid sweetmeat intended for human food, the same being unfit for such food.	Do. ...	2 0 0
.....	Do. do.	Do. ...	2 0 0
		Total...	541 4 0

* 15 Lashes.

P. C. HIGGINS,
Superintendent of Markets, Slaughter Houses, &c.

RETURN OF FIRES.

RETURN OF FIRES that occurred in the TOWN and ISLAND of BOMBAY, between 1st April 1887 and 31st March 1888.

No.	Division.	Date.	Locality.	Hour.	Nature of Property damaged or destroyed.	Names of Owners of Property destroyed.	Estimated Damage of Property destroyed.	Cause of Fire.	Remarks.
							Rs. a. p.		
1	E	1887. 19th April	Parel Road, back of the Victoria Gardens.	9-45 p.m.	Three stacks of hay	Dharma Bapooji and Kallidas Ramji.	5,200 0 0	Unknown.	
2	D	20th „	Tardeo Flats	1-30 „	A quantity of hay.....	Koraga Narayan	900 0 0	Accidental.	It is supposed to have been caused by some one throwing away the butt-end of a lighted *bidee*.
3	E	22nd „	Frere Bunder	2 „	29 hay stacks, fish-fins and 4 bullock carts.	Lakshman Pandu& others	1,50,000 0 0	Unknown.	
4	F& G	22nd „	Dadar Road	2-30 „	21 huts and a portion of a chawl.	Adam Kerrim and Mr. Nensy Khyraj.	9,000 0 0	Do.	It is supposed to be from careless smoking.
5	B	24th „	Nagdevi Street ..	3 a.m.	Cotton mattress and a few of the boards of the floor.	Salem Malulla.....	4 0 0	Accidental.	The fire occurred through the careless use of a *bidee* which ignited a cotton mattress.
6	A	4th May	Bazaar Gate Street	8 p.m.	A piece of gunny	.....	0 4 0	Unknown.	
7	D	7th „	Tardeo Road	12-45 a.m.	The whole of the mill premises, machinery and a quantity of bale goods and upper and eastern portion of the Byramji Batliwala Fire Temple.	Sewlal Motilal and Byramji Batliwala.	4,52,000 0 0	Accidental.	The fire appears to have originated in the mule room and owing to the machinery getting heated through friction of yarn on the mules and thereby ignited the threads.
8	B	10th „	Koliwada Cross Lane.	9 p.m.	Certain cases containing glass lamps packed with straw.	Gangji Poonja.....	420 0 0	Do.	It originated through the careless use of a fire place.

No.	Division.	Date.	Locality.	Hour.	Nature of Property damaged or destroyed.	Names of Owners of Property destroyed.	Estimated Damage of Property destroyed.	Cause of Fire.	Remarks.
		1887.					Rs. a. p.		
9	A	22nd May	Middle Colaba ...	11 a.m.	A quantity of cotton... ..	Shamji Mulji	150 0 0	Accidental.	It is believed that the fire was caused by some pebbles igniting the cotton while passing through the feeder into the press.
10	E	22nd „	Ghorupdeo Road...	8-30 p.m.	A quantity of cotton, &c.	E. D. Sassoon Mill Co....	5,000 0 0	Do.	It is believed that loose cotton must have come in contact with an over-heated engine and thus caused the fire, or that a spark got into the cotton shortly before closing and unobserved at the time.
11	F& G	22nd „	Parel Bhoiwada ...	11-30 „	A cudjan shed.....	Tribhuvandas Jadowji...	100 0 0	Do.	Supposed to be careless smoking.
12	A	26th „	Lower Colaba.....	8-45 a.m.	A quantity of cotton.....	Colaba Press Company...	500 0 0	Do.	The fire was caused by friction while the cotton was passing through the machinery.
13	B	26th „	Dongree Street ...	Midnight	A quantity of grass	Parashram Rakhmaji ...	0 4 0	Do.	The cause of fire was attributed to careless *bidee* smoking.
14	E	31st „	Kasargully	6-45 p.m.	A bed and a cot were partially burnt.	Rustomji Bamanji.....	10 0 0	Do.	A kerosine lamp accidentally fell on a bed.
15	B	7th June	Nowroji Hill, 1st Lane.	Noon.	A cudjan hut	Six Hindus	10 0 0	Unknown.	
16	F& G	13th „	DeLisle Road	6 p.m.	A small quantity of cotton.	The Empress Mill.....	300 0 0	Accidental.	The cause of fire is supposed to be spontaneous combustion.
17	E	14th „	Haines Road	1 a.m.	Ten cudjan huts.....	Raja Yemnaji and others.	100 0 0	Do.	Careless use of a naked oil-lamp.
18	A	27th „	Hummum Street..	9 „	A quantity of old papers.	Oriental Printing Press..	.....	Unknown.	

No.	Division.	Date.	Locality.	Hour.	Nature of Property damaged or destroyed.	Names of Owners of Property destroyed.	Estimated Damage of Property destroyed.	Cause of Fire.	Remarks.
		1887.					Rs. a. p.		
19	C	2nd July	Vithalvadi	12 p.m.	Boards of flooring.....	Shiva Punja.....	3 0 0	Accidental.	Shiva Punja, the occupant of the room, after finishing his cooking, did not carefully extinguish the fire, and some coals fell through the portable choola and burnt through the boards of the flooring.
20	E	16th „	Frere Bunder, Port Trust Estate.	12 midnight.	A stable and two bullocks and an adjoining hut.	Karim Shaik Ibram and Ibram Eusuf.	400 0 0	Do.	The owner of the stable was in the habit of keeping a lighted sigree in the place to drive away mosquitoes.
21	F &G	19th „	Matunga	Evening.	A hut.....	Amruta Deoji.....	12 0 0	Do.	The cause of fire is believed to be the accidental upsetting of a kerosine lamp.
22	„	22nd „	Sion	11 p.m.	A stable containing a carriage, a horse and harness, &c.	Ezekiel Babaji	2,000 0 0	Do.	It appears that the horse-keeper collected a heap of cow-dung cakes and set fire to them, and thus the flames sprung up and caught the roof.
23	„	27th „	Lady Jamsetji Road.	Evening.	A cudjan hut	Pascol Gubroo.....	4 0 0	Do.	Upsetting of a small kerosine lamp.
24	D	31st „	Gowalia Tank Road.	11 p.m.	A portion of a hut together with some clothes.	A purdesi and a groom...	15 0 0	Do.	
25	B	31st „	Poona Street	7-30 „	Six ranges of huts.....	Gosavi Hari and others...	600 0 0	Do.	
26	E	1st Aug.	Foras Road	7 „	A number of jowlies.....	Dhondi (woman).	0 2 0	Do.	

No.	Division.	Date.	Locality.	Hour.	Nature of Property damaged or destroyed.	Names of Owners of Property destroyed.	Estimated Damage of Property destroyed.	Cause of Fire.	Remarks.
		1887.					Rs. a. p.		
27	B	9th Aug.	In the compound of Gold Mohur Castle.	10 p.m.	A cudjan hut	Nowroji Rustomji.....	65 0 0	Unknown.	
28	F & G	30th „	Elphinstone Road.	Morning.	A cudjan hut	Nathu Daya	31 0 0	Accidental.	Caused by the accidental upsetting of a kerosine oil lamp.
29	E	10th Sept.	Foras Road	Do.	A chawl	Sujauddin Tyebji, Jiwaji Munsaji, Mrs. W. Martin and Mrs. Almeida, ...	6,350 0 0	Unknown.	
30	F & G	23rd „	Warlipacady	Evening.	Four jowli huts		1,345 0 0	Do.	A child of 1½ year was burnt to death.
31	B	27th „	Dubragully	5 Minutes to three	The roof and whole of the wood work of a house.	Widow of the late Hari Bhanji.	2,000 0 0	Do.	Careless throwing down of a lighted wick upon a bundle of leaves.
32	E	11th Oct.	Haines Road	9 a. m.	Some pieces of wood.....	Ladi, woman	2 0 0	Do.	Caused by leaving some firewood near the fireplace.
33	„	19th „	Chinchpoogly	3 p.m.	A portion of a cudjan hut	Balu Bhagu..	0 4 0	Do.	Some one must have thrown a lighted *bidee*.
34	A	19th „	Colaba	8-45 p.m.	Tattee wall.....	Government	2 0 0	Do.	
35	B	21st „	Sholapur Road ...	8 a.m.	A cudjan hut	Rakhma Shivram	15 0 0	Do.	
36	A	24th „	Fort	9 „	A portion of a wooden weather frame.	.....	0 4 0	Accidental.	Some one must have carelessly thrown a lighted *bidee*.
37	„	26th „	Colaba Cotton Green.	9 a.m.	A bale of cotton	Deoji Kanji.....	1 4 0	Unknown.	
38	C	27th „	Shaik Memon Street.	4 p.m.	Piece-goods.....	Lakhmidas Dharamdas..	2,600 0 0	Accidental.	The fire is said to have been caused by a son of the shopkeeper playing with a box of matches in the shop.
39	F & G	27th „	Within the limits of the B. B. & C. I. Railway.	Evening.	A cudjan hut	B. B. & C. I. Ry. Company	700 0 0	Unknown.	

No.	Division.	Date.	Locality.	Hour.	Nature of Property damaged or destroyed.	Names of Owners of Property destroyed.	Estimated Damage of Property destroyed.	Cause of Fire.	Remarks.
		1887					Rs. a. p.		
40	D	2nd Nov.	Khetwady Back Road.	12 noon	A wood store	Dhondu Bhyru.....	1,000 0 0	Unknown.	
41	E	5th „	Kamatipura 6th Lane.	„ „	A wooden box.....	Teckchand Jodha	3 0 0	Accidental.	It was caused by the man not putting out the fire in the chool properly.
42	„	14th „	Haines Road	2 p.m.	Dust-bin	Municipality	2 0 0	Do.	Some one must have probably deposited live ashes therein.
43	F &G	15th „	Chota Sewri	11 a.m.	A cudjan hut	Haji Imambaksh	11 0 0	Do.	A spark from the iron flew on to the roof while sharpening a point to a red hot blasting rod.
44	A	17th „	Lower Colaba.....	5-15 p.m.	A quantity of cotton	Mr. Ashan Virji.....	1,000 0 0	Do.	The fire was caused by friction, some small stones being found amongst the loose cotton whilst passing through the feeder into the press.
45	E	19th „	The Patent Slip, Mazagon.	7 a.m.	A small shed	Pestanji Nasarwanji	5 0 0	Do.	Some persons were boiling pitch.
46	C	1st Dec.	Duncan Road.....	12 mid-night.	The loft of a room of the house.	Devchand Mulji.....	10 0 0	Unknown.	
47	B	5th „	Pydhownie Road...	„	Two upper storeys of the house.	Mr. David Soloman	12,000 0 0	Accidental.	The origin of the fire was attributed to the ceiling taking fire from an unprotected kerosine oil lamp.
48	E	6th „	Charni Road	6-30 p.m.	A cudjan hut	Mathura Vishweshwar ...	20 0 0	Unknown.	
49	F &G	6th „	Dadar	3 „	A hut and some property.	Two malees and a barber.	131 0 0	Accidental.	The cause of the fire is supposed to be the barber who, when going out after his meal, did not extinguish his fire.

No.	Division.	Date.	Locality.	Hour.	Nature of Property damaged or destroyed.	Names of Owners of Property destroyed.	Estimated Damage of Property destroyed.	Cause of Fire.	Remarks.
		1887.					Rs. a. p.		
50	D	8th Dec.	Grant Road.....	1 p.m.	A number of huts, 2 cart wheels and 3 goats.	Mahadu Rutna, Lakshman Gangaram and 11 others.	250 0 0	Accidental.	Carelessly leaving the fire burning in fire places; an old woman and a little boy were burnt about the arms and body.
51	E	9th „	Mazagon	3 a.m.	Bundling and reeling rooms, cotton bales and yarn.	Framji Petit Mill	3,00,000 0 0	Do.	Caused by spontaneous cumbustion.
52	F &G	10th „	Dharavi	.....	A hut and a quantity of hay.	A milkman (name unknown).	10 0 0	Do.	
53	„	„ „	Lady Jamsetji Road.	.....	A cudjan hut was partly destroyed.	Fatima, woman	10 0 0	Do.	The fire was caused by the careless use of a kerosine oil lamp.
54	E	14th „	Kamatipura 2nd Lane.	7 a.m.	The floor near the fire place.	Balcrushna Bhagshet ...	0 6 0	Do.	Careless use of fire-place
55	„	19th „	Haines Road	1 p.m.	A cudjan hut	Mahomed Husein	4 0 0	Do.	Careless *bidee* smoking.
56	F &G	23rd „	Dadar	11 a.m.	A cudjan hut and a quantity of cloth.	Jacka Musa.....	850 0 0	Do.	It appears that about 9 a.m. the same day one Raoji threw the cowdung fuel with which he had cooked among the heap in the room and left for his work.
		1888.							
57	E	3rd Jan.	Soorty Moholla ...	10 p.m.	Loose cotton, &c.	Kanji Ahmed & Pestonji Dhanjibhoy.	150 0 0	Do.	It is believed that friction set some of the loose cotton on fire.
58	D	„ „	Kandawady	Evening.	A quantity of grass and a portion of the roof of the stabling.	Janardhan Gopal	80 0 0	Do.	
59	A	„ „	Crawford Market..	2-20 a.m.	Vegetable godowns	Municipal property	75,000 0 0	Do.	

No.	Division.	Date.	Locality.	Hour.	Nature of Property damaged or destroyed.	Names of Owners of Property destroyed.	Estimated Damage of Property destroyed.	Cause of Fire.	Remarks.
		1888.					Rs. a. p.		
60	A	8th Feb.	Bhoiwada Lane, Fort.	11-15 a.m.	Date matting, &c.	Khushal Tulsibhai.....	30 0 0	Accidental.	The fire is believed to have been caused by some fire falling out of the fire place on some date matting.
61	E	10th „	Frere Bunder	1-30 „	A small hut with sundry articles.	Kasam Mahomed	150 0 0	Unknown.	
62	C	„ „	Bbuleshwar.....	9 p.m.	A quantity of grass	Ganeshdass Krishnaji ...	5 0 0	Do.	
63	D	12th „	Grant Road.....	2 „	Do.	Ganpat Banaji & Kamtaprasad.	50 0 0	Accidental.	Cause of fire is said to be careless smoking.
64	A	13th „	Victoria Bunder...	5 „	A quantity of cotton.....	Madanji Bhimji	150 0 0	Do.	The fire was caused by some small stones being amongst the cotton while passing through the cleaner.
65	E	26th „	Karsetji Suklaji Street.	10-30 „	Bed, cot, Digoji, &c.	Oomer Jamal	50 0 0	Do.	Careless use of a fire place.
66	„	1st Mar.	Pirkhan Lane	2 a.m.	A quantity of hay	Chotoo Amin	20 0 0	Do.	Careless smoking appears to be the cause.
67	A	4th „	Lower Colaba.....	3 p.m.	A quantity of cotton.....	.....	3,000 0 0	Do.	The fire was caused by some small stones in the cotton opener.
68	„	11th „	Do.	8 „	Do.	Narayandas Rajaram and Shamji Ladha.	10,000 0 0	Do.	The origin of the fire is supposed to be due to friction.
69	D	15th „	Charni Road	12-30 noon.	A large cudjan shed.....	Hari Kasiba	100 0 0	Do.	Careless use of fire.
70	A	25th „	Lower Colaba	1-15 p.m.	A quantity of cotton.....	Jaipal Sejpal	3,000 0 0	Unknown.	
						Total Rs....	10,46,931 12 0		

Bombay, 31st May 1888.

H. G. GELL,
Acting Commissioner of Police.

RETURN OF STREET ACCIDENTS.

RETURN showing the Street Accidents caused by the running over by conveyances from 1st April 1887 to 31st March 1888.

Names of Streets.	Abdul Rahman Street.	Agiari Lane.	Ally Oomar Street.	Apollo Street.	Argyll Road.	Arthur Bunder.	Babula Tank Road.	Banu Khore Street.	Bazar Gate Street.	Bazaar Street.	Bellasis Road.	Bengalpura Street.	Bhaji Palla Street.	Bhendi Bazar Road.	Bhundarwada Road.	Bibi Jan Street.	Borah Bazaar.	Carnac Road.	Cawasji Patel Tank Road.	Chinch Bandar Road.	Chinchpoogly.	Chowpatty Road.	Churni Road.	Chuckla Street.	Church Gate Street.	Clare Road.	Clive Road.	Colaba Causeway.	Coombartoolda.	Custom House Road.	Dadar Road.	DeLima Street.	Dhobi Gully.	Dhurumsey Street.	Dockyard Road.	Doctor Street.	Dongri Street.	Don Tad Street.	Duncan Road.	Elphinstone Road.	Esplanade Road.	Erskine Road.	Falkland Road.	Foras Road.	Frere Road.	Funuswady.	Ghogari Mollah.	Ghorupdeo Road.	Gibbs Road.	Gilder Street.	Girgam Back Road.	Girgam Road.	Gowalia Tank Road.	Grant Road.	Gunpowder Road.
Injured	10	2	1	1	1	1	1	2	2	1	5	1	1	20	2	1	2	6	2	7	1	..	1	3	2	2	..	2	1	2	1	1	1	1	1	10	13	3	3	3	5	3	15	2	7	1	2	3	2	2	1	11	1	16	2
Killed	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	1	1	..	..	2	..	1	..	..	2	..	..	..	2	..	..	..
Total ..	10	2	1	1	1	1	1	2	2	1	8	1	1	20	2	1	2	8	2	7	1	1	1	3	2	2	1	2	1	2	1	2	1	1	2	10	13	3	4	4	5	5	17	2	8	1	2	5	2	2	1	13	1	16	2

RETURN showing the Street Accidents caused by the running over by conveyances from 1st April 1887 to 31st March 1888—*continued*.

Names of Streets.	Haines Road.	Homji Street.	Hoozria Street.	Hornby Road.	Hunman Street.	Imamwada Road.	Israel Mohalla.	Jail Road.	Janjeerkar Street.	Kala Chowki.	Kalbadevi Road.	Kalian Road.	Kandewady Street	Kanabekar Street.	Kasar Street.	Kika Street.	Kennedy Sea Face.	Khoja Street.	Khuttarailli.	Kolsa Street.	Lady Jamsetji Road.	Lohar Street.	Main Road.	Mahuma Road.	Mazgaon Road.	Meadows Street.	Memonwada.	Mumbadevi Tank Road.	Musjid Bandar Road.	Nagdevi Street.	Nishandarpada.	Paldhoni Road.	Panjrapole 1st Lane.	Parel Road.	Pedder Road.	Purbhadevi Road.	Queen's Road.	Ripon Road.	Samuel Street.	Sheik Memon Street.	Sion Road.	Sopari Bag.	Tank Bandar.	Tardeo Road.	Thacoordwar Road.	Thomas Street.	Trimbuck Purshram Street.	Valpacadi.	Walkeshwar Road.	Wharves N. S. E. W & Jetty.	TOTAL.
Injured	1	1	1	5	2	1	1	6	1	1	17	1	1	3	1	16	..	1	1	1	2	1	1	1	4	2	5	3	10	4	1	9	1	12	1	1	2	3	3	4	1	1	2	1	4	1	1	1	1	26	364
Killed	1	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	1	..	..	..	..	1	..	1	1	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	31
Total..	2	1	1	5	2	1	1	6	1	1	19	1	1	3	1	16	1	1	1	1	2	2	1	2	5	2	5	3	10	5	1	9	1	14	1	1	2	3	3	4	1	1	2	1	4	2	1	1	1	28	395

H. G. GELL,
Acting Commissioner of Police.

BOMBAY, *31st May 1888.*

ANNUAL REPORT

OF THE

MUNICIPAL AUDITORS.

To

H. W. BARROW, Esq.,

Secretary, Town Council and Corporation,

BOMBAY.

SIR,

In accordance with the XXXII. Section of the Bombay Municipal Acts of 1872 and 1878, we have the honor to send in our Report on Municipal Accounts for the year 1887-88, for submission to the Town Council and Corporation.

We have the honor to be,

Sir,

Your most obedient servants,

ARDASEER FRAMJEE MOOS,

NANABHAI RASTAMJI RANINA,

Municipal Auditors.

BOMBAY, 6*th September* 1888.

REPORT OF THE CONCURRENT AUDITORS ON THE MUNICIPAL ACCOUNTS FOR THE YEAR 1887-88.

The Municipal Corporation, at their Special General Meeting held on the 9th day of December 1887, having appointed us Concurrent Auditors to audit the Accounts of the Municipality for the year 1887-88, we have the honor to submit our Report thereon for the information of the Town Council and Corporation.

2. The official year under report comprises twelve months, commencing from 1st April 1887 and ending on the 31st day of March 1888.

3. We have examined the whole of the vouchers and papers relating to Receipts and Disbursements and have compared the Day Book with General Ledger and Subsidiary Ledgers, Journal, Bank Receipts for Deposits, Investments, &c., and found them all in order.

4. We have been able from our attendance given daily for four consecutive hours, owing to our work having since the last eleven years greatly increased to keep the concurrent audit of the daily accounts as close up to date as they were booked.

5. The number of vouchers which have passed our scrutiny amounted in 1887-88 to 49,251 against 43,249 in 1886-87 and against 16,907 in 1876.

6. In addition to the concurrent audit, we have examined weekly statements of receipts and disbursements of Municipal accounts at the end of each week and before they were published in the *Government Gazette*. The accuracy of this weekly audit was further tested at the end of each month by our preparing a summary of all accounts directly from the Ledger and independently of the weekly statements. The summary contained totals of receipts and disbursements of each account as it stood in the Ledger at the end of the last week in each month, and which totals were tallied with the aggregate total of each head of accounts given in the weekly statements of the month. By this method of scrutiny, any error or omission or a wrong posting of an item in the Ledger could not remain undetected for more than a month at the most.

7. The summary so prepared by us was forwarded every month to the Secretary for submission to the Town Council.

Receipts.

8. The total receipts of the Municipal Fund from all sources, except Water Works Fund, amounted, during the 12 months ending 31st March 1888, to Rs. 42,82,805-4-8; and adding to this the income of Water Works Fund for the year, amounting to Rs. 8,83,724-6-3, the whole total of all receipts amounted to Rs. 51,66,529-10-11 (*vide*

Statement A of the Municipal Accounts given by the Controller at pages 48 and 49 of the Report.)

This total of receipts, compared with the total receipts of 1886-87, gives an increase of Rs. 2,64,714-15-1 over the receipts of the last year.

EXPENDITURE.

9. The total expenditure of Municipal Fund and Water Works Fund, during the 12 months ending 31st March 1888, amounted to Rs. 58,12,690-4-10 (*vide* Statement C, pages 57, 58, 59). Out of this total, Rs. 36,45,968-0-3 were paid on account of Municipal Fund only, including expenditure of all departments (except that of Water Works) and payments made on account of Interest on Loans and Sinking Fund, and redemption of Municipal Debentures, less Rs. 71,683-12-3, which were debitable to Water Works Funds for General Superintendence.

Rs. 18,83,045-4-9 were disbursed on account of Water Works Fund, including the above-mentioned Rs. 71,683-12-3, and Rs. 3,46,898-10-7 which were paid towards the reduction of Water Works Loans (particulars as per margin), and Rs. 6,67,741-3-2 invested in Government 4 per cent. Papers on account of Tansa Loan.

PAYMENTS TOWARDS REDUCTION OF WATER WORKS LOANS.

	Rs.	a.	p.
1. Bhanderwada Reservoir Loan of 10 Lakhs..	11,864	2	4
2. Tulsi Water Works Loan, 36 Lakhs	76,410	7	7
3. Balance of Tulsi Water Works Loan of 4 Lakhs	7,853	4	9
4. Sanitary (Water Works) Loan of Rs. 18,98,921	1,91,186	13	2
5. Vehar Water Works Debt.	59,583	14	9
Rs..	3,46,898	10	7

Rs. 3,05,140-0-1 were paid towards the reduction of the Consolidated Loans of 21 lakhs and Sanitary Works Loan of 44 lakhs, and Drainage Loan of 17 lakhs (as per particulars given in the margin), and Rs. 50,220-12-0 invested in Government Papers on account of Municipal Building Fund.

PAYMENTS TOWARDS REDUCTION OF THE FOLLOWING LOANS.

	Rs.	a.	p.
1. *Consolidated Loans*—			
a. Second Government Loan of 15 Lakhs..	26,955	14	0
b. Surface Drainage „ 6 „ ..	12,735	1	7
Rs..	39,690	15	7
2. *Sanitary Works Loan of 44 Lakhs*—			
a. Surface Drainage	81,753	10	2
b. Miscel. „	1,44,936	8	2
c. Roads and other Sanitary Works	25,123	0	6
	2,51,813	2	10
3. *Drainage Loan of 17 Lakhs*,.....	13,635	13	8
Total Payments on all Loans .....Rs.	3,05,140	0	1

10. Taking the Receipts for the year 1887-88 at Rs. 51,66,529-10-11 and the disbursements at Rs. 58,12,690-4-10, there were disbursed Rs. 6,46,160-9-11 more over the receipts of the year. The total disbursements of Rs. 58,12,690-4-10 in 1887-88 against

Rs. 41,76,362-0-7 in 1886-87, gives an increase of Rs. 16,36,328-4-3 over the disbursements of the last year.

	Rs.	a.	p.
11. Taking the opening Cash Credit Balance on 1st day of April 1887 at... ...	20,292	14	5
And adding, the total receipts of the year 1887-88, including receipts of Water Works Fund amounting to	51,66,529	10	11
And adding receipts of Tansa Water Works Loan	30,72,500	0	0
Loan Works ... ... Credit.	88,246	11	0
Roads, &c. (Rs. 20,88,000) ... „	2,76,949	7	2
Advances... ... ... „	15,86,299	13	5
Deposits, Assets, &c. ... ... „	1,09,45,535	5	11
The grand total of Receipts amounted to ...Rs.	2,11,56,353	14	10
Taking the Expenditure of the Municipal Funds (shown at page 119 in the Statement No. 3 of Receipts and Disbursements), amounting to	35,22,711	5	10
And adding to it the expenditure of Water Works Funds	18,83,045	4	9
And additional Water Works and Sanitary Works executed in 1887-88, amounting to...	23,71,380	8	10
And Tansa Water Works Loan Deposit (Bank of Bombay)	10,93,746	3	5
Loan Works executed in 1887-88 ...	3,62,727	7	4
Advances ... ... (Debits)	15,12,899	7	3
Deposits, Debts and Liabilities ... „	1,02,85,053	11	5
The grand total of Disbursements amounted to Rs.	2,10,31,564	0	10
Which left on 31st day of March 1888, a Credit Balance of ... ... „	1,24,789	14	0
Rs...	2,11,56,353	14	10

PARTICULARS OF RECEIPTS.

12. *Water Rate* realized Rs. 8,83,724-6-3 in 1887-88, including Rs. 8,800, transferred from Miscellaneous Fees and Receipts, and after paying refunds of Rs. 3,174-8-8 and the adjustment of errors in

Budget Estimate, Rs. 7,37,300.

sub-heads of Rs. 66-2-6 against Rs. 7,74,651-4-6 in 1886-87, being Rs. 1,09,073-1-9 more than the receipts of the last year, *viz.* :—

Rs.	a.	p.	
8,11,195	4	5	Recovered by the Collector as Water Rate for 1887-88.
42,400	11	11	Recovered from 1886 and previous years.
5,000	0	0	Water supplied for extinguishing fires.
4,000	0	0	Annual instalment from Bandora Municipality.
6,097	10	5	Rent of water meters.
5,575	0	0	Fees for opening roads for laying water pipes.
6,500	0	0	Premium on Tansa Loan.
3,746	3	5	Interest on Tansa Loan Deposit.
926	0	0	Sale of stop-cocks, pipes, tanks, &c.
770	0	0	Plumbers' License Fees.
384	3	3	Sale of tender and water connection forms.
365	0	0	Sale of grass about Vehar Lake.
5	0	0	Fee for Showing Office Records.
8,86,965	1	5	
3,240	11	2	*Less*—Refunds and adjusted Errors.
8,83,724	6	3	Total Receipts.

13. Particulars of the total expenditure of Water Works Fund, amounting to Rs. 18,83,045-4-9 in 1887-88 against Rs. 8,30,790-8-4 in 1886-87, are given in para. 95 of this Report.

14. The large increase which is seen in the receipts and expenditure of Water Works Fund this year is chiefly attributable to larger supplies of water by meter and enhanced valuation of house property, and to a change introduced under the head of Water Works account, whereby several items of receipts and expenditure which were formerly posted under different heads have, since the last year, been transferred and concentrated under Water Works Fund.

Budget Estimate, Rs. 13,51,000.

15. *Consolidated Rate at* 8 *per cent.*—The total amount under this head, comprising *house*, *police*, and *lighting* rates and contribution from Government and Port Trust, amounted in 1887-88 to Rs. 14,07,013-6-4 against Rs. 14,88,867-5-0, being Rs. 81,853-14-8 less than the net revenue realized last year ; this decrease being chiefly due to the removal of the additional $\frac{3}{4}$ per cent. levied for the Tansa Water Works last year, although there has been an increase of Rs. 56,013-6-4 over the Budget Estimate under this head, and which was due to rise in rents and enlargement of old, and construction of new, houses.

16. Refunds amounted to Rs. 5,428-7-1 in 1887-88 against Rs. 6,631-9-1 in 1886-87, and only Rs. 78-0-5 were debited as

adjustment of errors in sub-heads this year against Rs. 14,635-3-3 last year.

17. Collections recovered by the Collector amounted to Rs. 11,66,518-12-1 for 1887-88 and Rs. 33,011-1-9 for previous year up to 1882 ; Government having paid the usual Rs. 50,000, and the Port Trust Rs. 1,62,990 against Rs. 1,77,286-6-0, being Rs. 14,296-6-0 less than the last year owing to the reduction of $\frac{3}{4}$ per cent. on the consolidated rate.

18. *Wheel Tax* amounted to Rs. 3,22,659-0-7 in 1887-88 against Rs. 3,03,804-11-3 in 1886-87, being Rs. 18,854-5-4 more than the receipts of the last year.

Budget Estimate, Rs. 3,03,000.

19. Collections recovered by the Collector amounted to Rs. 1,72,454-11-0 in 1887-88 against Rs. 1,70,776-4-0 in 1886-87, and Rs. 1,44,289-4-0 were recovered by the Superintendent in 1887-88 against Rs. 1,27,924-10-0 in 1886-87, being Rs. 1,678-7-0 more collected by the Collector, and Rs. 16,364-0-10 more collected by the Superintendent—in all Rs. 18,342-0-1 more than the receipt of the last year. This increase is chiefly due to the increase of Public Conveyances.

20. *Toll Fees* levied on carts which pass the Sion and Mahim Causeway and collected by the officers of the Port Trust Department, amounted in 1887-88 to Rs. 14,333-8-0 against Rs. 15,756-8-0, being Rs. 1,423 less than the receipts of the last year.

Budget Estimate, Rs. 15,800.

21. Establishment for collecting Toll Fees under the Traffic Manager amounted to Rs. 1,680-0-0, same as paid in last year.

22. *Liquor Licenses* amounted to Rs. 1,43,750, the amount fixed by Government to be paid to the Municipality.

Budget Estimate, Rs. 1,43,750.

23. *Land Conveyance Licenses.*—Under this head were collected Rs. 4,049-12-9 against Rs. 3,942-11-11, being about Rs. 107 more than collected last year.

Budget Estimate, Rs. 3,200.

24. *Halalkhore Cess* yielded Rs. 3,72,257-11-0 in 1887-88 against Rs. 3,18,630-6-11 in 1886-87, being Rs. 53,627-4-1 more than the receipts of the last year. This increase was due to construction of new buildings, increase of rents, and partly to enhancement in the rate charged for special service.

Budget Grant, Rs. 3,53,000.

25. Collections recovered by the Collector on account of Halal-khore Cess amounted to Rs. 3,56,203-6-7 in 1887-88 against Rs. 3,12,036-11-9 in 1886-87, being Rs. 44,166-10-10 more collected than last year, and Rs. 18,028-3-0 were recovered on account of arrears up to 1881 against Rs. 8,573-1-9 in 1886-87.

26. Refunds amounted to Rs. 2,155-13-0 in 1887-88 against Rs. 2,048-5-6, and adjustment of errors in sub-heads to Rs. 13-4-5 against Rs. 46-3-4 last year.

27. *Town Duties.*—The receipts under this head for 1887-88 amounted to Rs. 21,12,912-0-9 against Rs. 19,61,448-14-0 in 1886-87, being an increase of Rs. 1,51,453-2-9 over the receipts of the last year, mostly due to enhancement of the ratio of duty on Grain, Sugar and Ghee and to the imposition of a new duty on Petroleum. There was a fall in the receipts derived from Grain and Wine and Spirit, but on the other hand there was an increase of receipts from all other articles, especially from Sugar and Ghee.

Budget Estimate, Rs. 8,70,000.

28. The increase of Rs. 1,51,463-2-9 is explained as follows :—

		Rs.	a.	p.	Increase. Rs.	a.	p.	Decrease. Rs.	a.	p.
Port Trust yielded ...	1887-88...	13,44,243	2	9						
	1886-87...	11,29,597	14	0						
					2,14,645	4	9	.....		
B. B. & C. I. Ry. Co..	1886-87...	2,12,956	6	0						
	1887-88...	1,11,500	3	0						
					.....			1,01,456	3	0
G. I. P. Ry. Co.	1887-88...	6,57,168	11	0						
	1886-87...	6,18,894	10	0						
					38,274	1	0	.....		
				Rs.	2,52,919	5	9	1,01,456	3	0
		Deduct—Decrease.		,,	1,01,456	3	0			
		Net Increase.		,,	1,51,463	2	9			

29. *Refunds of Town Duties* amount to Rs. 11,16,161-12-0 in 1887-88 against Rs. 9,49,296-8-0 in 1886-87, being Rs. 1,66,865-4-0 more than refunds paid last year. The refunds being heavier in 1887-88, the increase of revenue of Rs. 1,51,463-2-9 was swept away, showing Rs. 15,402-1-3 less in the revenue under this head in 1887-88.

30. Charges on account of commission paid for collecting Town Duties amounted to Rs. 72,265-2-7 in 1887-88 against Rs. 64,885-7-0 in 1886-87, being Rs. 7,379-11-7 more paid than in last year, which, when added to the above deficit, make a total deficit of Rs. 22,711-12-10 in Town Duty receipts for this year.

31. Figures given below will show comparative increase and decrease in the receipts of Town Duties levied on the following commodities in 1887-88:—

	Income in 1887-88.	Increase in 1887-88.	Decrease in 1887-88.
	Rs.	Rs.	Rs.
Grain	7,49,814	.. ...	58,454
Wines and Spirits	2,17,185	.....	9,231
Beer	11,309	1,006	.....
Sugar	5,95,739	1,31,390	.....
Ghee	2,18,827	28,485	.....
Timber	1,31,042	11,674	.....
Firewood	76,150	7,320	.....
Petroleum	1,06,733	3,573	.....
	21,06,799	1,83,448	67,685
Deduct—Decrease ...		67,685	
Net Increase...Rs.		1,15,763	

32. *Tobacco Duty Licenses.*—Receipts under this head amounted to Rs. 1,84,168-4-8 in 1887-88 against Rs. 1,90,249-10-2 in 1886-87, being Rs. 6,081-5-6 less than the receipts of the last year, showing a decrease in the revenue in 1887-88 under this head.

Budget Estimate, Rs. 1,90,249-10-2.

33. *Tobacco Duty Establishment.*—The Commissioner of Customs was paid Rs. 18,812-10-8 in 1887-88, being his charges for the collection of this revenue, against Rs. 18,293-13-4 in 1886-87, being Rs. 518-13-4 more paid than in the last year.

34. Under the head of Tobacco Duty Licenses, there were Rs. 6,081-5-6 less in receipts and Rs. 518-13-4 more paid on account of establishment, in all Rs. 6,600-2-10 less than the receipts of the last year.

35. *Market and Slaughter-house Receipts.*—Receipts for 1887-88 under this head amounted to Rs. 2,88,690-1-0 against Rs. 2,72,915-10-11 in 1886-87, being Rs. 15,774-6-1 more than the receipts of the last year.

Budget Estimate, Rs. 2,64,500.

36. The increase in the receipts of Market and Slaughter-house of Rs. 15,774-6-1 was chiefly derived from Stall Rents and Fees received from Squatters, also from Butchers' Licenses and Slaughter Fees, and Fair Ground and Feeding Fees. The particulars of increase is explained below :—

		Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Slaughter Fees	1887-88	90,938 10 0		
	1886-87	88,940 12 0	1,997 14 0	.....
Stall Rent	1887-88	1,12,600 2 9		
	1886-87	1,11,794 15 3	805 3 6	.....
Fair Ground and Feeding Fees	1887-88	44,893 10 11		
	1886-87	34,909 0 4	9,984 10 7	.....
Garden Produce	1886-87	75 0 0		
	1887-88	*Nil.*	.....	75 0 0
License Fees	1887-88	8,972 0 0		
	1886-87	7,131 0 0	1,841 0 0	.....
Revenue of Toddy Trees	1886-87	25 0 0		
	1887-88	*Nil.*	.....	25 0 0
Ground Rent	1886-87	72 0 0		
	1887-88	66 0 0	.....	6 0 0
Hailkari License	1886-87	0 8 0		
	1887-88	*Nil.*	.....	0 8 0
Squatters' Fees (Department)	1887-88	2,575 5 9		
	1886-87	1,994 0 11	581 4 10	.....
Do. (Contractor)	1887-88	23,300 0 0		
	1886-87	22,150 0 0	1,150 0 0	.....
Proceeds of Unclaimed Animals	1886-87	12 12 0		
	1887-88	*Nil.*	.....	12 12 0
Rent of Telephone	1886-87	498 0 0		
	1887-88	200 0 0	.....	298 0 0
Price Current	1887-88	12 3 0		
	1886-87	7 15 0	4 4 0	.....
Articles found in the Market, Value of...	1887-88	6 14 0		
	1886-87	1 4 0	5 10 0	.....
Fee for attending Courts and Inspection Fees	1887-88	18 0 0		
	1886-87	7 0 0	11 0 0	.....
Feeding Fees for Rejected Unclaimed Animals	1886-87	19 0 0		
	1887-88	*Nil.*	.....	19 0 0
Right of catching Fish in quarry-holes...	1887-88	35 0 0		
	1886-87	25 0 0	10 0 0	.....
Rent of Chawls	1886-87	1,963 0 0		
	1887-88	1,782 0 0	.....	181 0 0

		Rs. a. p.		
Private Markets Recoveries for	1887-88	2,805 5 4		
Less—Establishment Charges	„	2,763 2 9	42 2 7	
Private Markets Recoveries for	1886-87	2,834 8 0		
Less—Establishment Charges	„	2,793 0 0	41 7 5	
			0 11 2	.....
		Rs.	16,391 10 1	617 4 0
		Deduct—Decrease... „	617 4 0	
		Net Increase...Rs.	15,774 6 1	

37. *Market and Slaughter-house Establishment.*—The expenditure incurred on account of this establishment amounted to Rs. 1,07,660-2-10 in 1887-88 against Rs. 99,136-11-0 in 1886-87, being Rs. 8,523-7-10 more than the expenditure last year, as per particulars given below :—

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Superintendence ...	1887-88	13,821 11 0		
	1886-87	13,274 4 2	547 6 10	.....
2. Superintendence at Bandora Slaughter-houses.	1887-88	6,455 14 8		
	1886-87	6,448 3 8	7 11 0	.....
3. Labour	1887-88	8,893 2 1		
	1886-87	8,887 11 11	5 6 2	.....
4. Lighting Slaughter-houses and Markets.	1886-87	10,368 10 10		
	1887-88	9,105 14 1	.....	1,262 12 9
5. Meat Carriage	1887-88	23,135 7 3		
	1886-87	20,561 3 11	2,574 3 4	.....
6. Disposal of Offal	1887-88	1,830 0 0		
	1886-87	1,825 0 0	5 0 0	.....
7. Stores	1887-88	1,546 8 10		
	1886-87	961 12 2	584 12 8	.....
8. Contingencies, Stationery and Printing..	1886-87	1,489 3 10		
	1887-88	1,293 13 11	.....	195 5 11
9 Repairs	1887-88	19,011 10 6		
	1886-87	13,258 10 5	5,753 0 1	.....
11 Water-supply	1887-88	20,697 6 10		
	1886-87	19,652 14 5	1,044 8 5	.....
13 Peons' Clothing	1886-87	525 0 0		
	1887-88	*Nil.*	.....	525 0 0
		Total...Rs.	10,514 5 6	1,990 13 8
		Deduct—Decrease ... „	1,990 13 8	
		Increase...Rs.	8,523 7 10	

38. *Contributions from Municipal Servants towards Pensions, &c., Fund*, amounted to Rs. 15,542-13-3 in 1887-88 against Rs. 10,866-9-2 in 1886-87, being Rs. 4,676-4-1 more than the receipts of the last year. This increase was chiefly due to two Officers of the Engineer's Department having been allowed, by the Town Council, to pay in their back contributions to the Pension Fund, the first officer from 15th August 1878 and the other from 15th October 1876. Referring to such back contributions, we are of opinion, that the Muni-

Budget Estimate, Rs. 10,000.

cipal Bye-Laws do not permit receiving such contributions, and we are moreover apprehensive of the future consequences in shape of heavy annual pension charges.

39. *Contribution from Fire Insurance Companies* amounted to Rs. 37,856-8-0 in 1887-88 against Rs. 29,776-0-0 in 1886-87, being Rs. 8,080-8-0 more than the receipts of the last year. Of this increase, Rs. 4,000 were collections for the years 1883-84, 1884-85, and 1886-87, collected in 1887-88, and the remainder were due to the development of the business of the already established firms and to seven new Fire Insurance Companies which have been assessed in this year (1887-88).

Budget Estimate, Rs. 25,000.

40. *Tramway Rent* yielded Rs. 35,919-2-0 in 1887-88 against Rs. 30,725-14-7 in 1886-87, being Rs. 5,193-3-5 more than the receipts of the last year. This increase was due to the extension of the Tramway lines from the Mint Road to the junction of Frere and Carnac Roads.

Budget Estimate, Rs. 33,000.

41. *Miscellaneous Fines and Penalties* amounted to Rs. 9,213-2-7 in 1887-88 against Rs. 8,119-10-4 in 1886-87, being Rs. 1,093-8-3 more than the receipts of the last year, and were chiefly received from the Health and Halalkhore Departments ; Rs. 375-15-5 were less received from the Presidency Magistrate than last year.

Budget Estimate, Rs. 11,000.

42. *Miscellaneous Fees* amounted to Rs. 90,068-7-9 in 1887-88 against Rs. 89,862-9-6 in 1886-87, being only Rs. 205-14-5 more than the receipts of the last year.

Budget Estimate, Rs.

43. *Miscellaneous Savings* amounted to Rs. 4,294-3-3 in 1887-88 against Rs. 1,119-11-3 in 1886-87, being Rs. 3,174-8-0 more than the savings of the last year. These savings are more unpaid salaries of some of the employés of the Municipality whose salaries are retained in the office for various reasons.

Budget Estimate, Rs. 3,000.

44. *Miscellaneous Receipts* amounted to Rs. 98,788-0-5 in 1887-88 against Rs. 98,885-7-10 in 1886-87, being only Rs. 97-7-5 less than the receipts of the last year.

Budget Estimate, Rs. 79,400.

45. A receipt item of Rs. 2,000, which was credited under the head of Miscellaneous Receipts, being the annual instalment received from Bandora Municipality on account of water mains has been rightly transferred to the credit of Water Works Revenue account.

46. We give below the particulars of Miscellaneous Receipts under its several heads:—

	Years.	Receipts. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Sale of Lands and Materials.	1887-88	2,531 5 11		
	1886-87	1,679 0 8	852 5 3	.....
2. On account of Health Department.	1887-88	71,132 12 2		
	1886-87	67,390 3 10	3,742 8 4	.....
3. On account of Engineer's Department.	1886-87	13,797 12 1		
	1887-88	8,408 13 1	.....	5,388 15 0
4. Municipal Commissioner's Department, sale of waste-paper, &c.	1887-88	113 8 0		
	1886-87	68 12 8	44 11 4	.....
5. Municipal Controller's Department.	1887-88	90 0 0		
	1886 87	*Nil.*	90 0 0	.....
6. Sale of Government Papers forfeited by Contractors.	1887-88	689 11 3		
	1886-87	*Nil.*	689 11 3	.....
7. Municipal Workshop..	1887-88	166 4 0		
	1886-87	82 10 5	83 9 7	.....
8. Sale of poon spars and woodwork of the arch at the Queen's Statue.	1887-88	1,339 9 0		
	1886-87	*Nil.*	1,339 9 0	.....
9. Sale of Tender Forms.	1886-87	159 0 0		
	1887-88	*Nil.*	.....	159 0 0
10. Sale of vaccine lymph	1887-88	608 1 0		
	1886-87	*Nil.*	608 1 0	.....
11. Annual instalment, Bandora Municipality.	1886-87	2,000 0 0		
	1887-88	*Nil.*	.....	2,000 0 0
12. Assessment and Collection Department.	1886-87	0 0 2		
	1887-88	*Nil.*	.....	0 0 2
		Total...Rs.	7,450 7 9	7,547 15 2
		Deduct—Increase...Rs.		7,450 7 9
		Net Decrease... Rs.		97 7 5

47. *Public Gardens.*—Receipts under the head of Gardens amounted to Rs. 8,452-2-6 in 1887-88 against Rs. 7,506-3-6 in 1886-87, being Rs. 945-15-0 more than the receipts of the last year.

Budget Estimate, Rs. 8,000.

48. Victoria Garden receipts amounted to Rs. 8,447-2-6 against Rs. 7,502-1-3, and Bazar Gate Street Garden yielded 13 annas and 9 pies more than the yield of the last year.

49. *Profit on Stores adjusted.*—A credit entry of Rs. 32,174-12-10 is shown in the statement No. 3 of total Receipts and Disbursements for the year 1887-88 against a similar item of Rs. 58,966-13-2 in 1886-87, being an adjusted entry which represents the value of dead and live stock purchased during the year 1887-88, as allowed by the Budget grant, after deducting the value of live stock which have died, and the difference between the book value and sale proceeds of unserviceable live and dead stock.

50. The six items, on which interest has been realized for the year 1887-88, are as under :—

		Rs.	a.	p.
1.	Interest on Nesbit Road Bridge Fund invested ...	68	0	0
2.	Municipal Building Fund invested	13,847	9	11
3.	Interest on Road Improvement Fund invested ...	565	12	7
4.	Interest on 7 lakhs Sanitary Works Loan Deposit.	1,804	13	0
5.	Interest on Surplus Cash Deposit account ...	8,273	1	4
6.	Interest on 12 lakhs Drainage and Water Works Loan Deposit	16	7	0

Sale proceeds of remaining land at Ripon Road realized Rs. 1,78,831-3-4.

51. *Profit on the Municipal Workshop.*—The total receipts of the Workshops for the year 1887-88 amounted to Rs. 1,11,949-7-10 against Rs. 1,56,692-9-11 in 1886-87, being Rs. 44,743-2-1 less than the receipts of the last year. The total expenditure of the Workshops for the year 1887-88 amounted to Rs. 98,533-2-0 against Rs. 1,58,392-1-6 in 1886-87, being Rs. 59,858-15-6 less than the expenditure of last year. Comparing the gross income for 1887-88, which amounted to Rs. 1,11,949-7-10 with the expenditure which amounted to Rs. 98,533-2-0, there was a gain of Rs. 13,416-5-10 against a loss, as was shown in the last year's account.

52. We believe this decrease of expenditure was the result of the stoppage of Iron Foundry by the Acting Commissioner from 1st September 1887 and the execution of sundry works, such as the manufacture of castings, and owing to less work executed during the year.

53. The following are the details of the working of the Shop for the year 1887-88:—Total recoveries during the year under report amounted to Rs. 1,24,828-15-4 which included Rs. 35,939-13-2 being the balance of outstanding last year.

54. Deducting the amount of the outstanding from the amount of total recoveries, the net recovery of 12 months ending 31st March 1888 amounted to Rs. 88,889-2-2 and Rs. 582-14-4 for iron, &c., sold ; and Rs. 3,920-2-4 were to be recovered from private and departmental works, and for works which were completed and some

works left incomplete, making a total of Rs. 1,11,949-7-10, for works executed in 1887-88.

55. Against the above credit for work performed during the year, there was incurred an expenditure of Rs. 98,533-2-0, being the amount of payments on account of establishment of Rs. 44,496-5-5 and of cost of stores consumed during the year, amounting to Rs. 54,036-12-7, which left a profit of Rs. 13,416-3-10 for the year 1887-88.

PARTICULARS OF DISBURSEMENTS.

56. *General Superintendence.*—The total expenditure under this head amounted to Rs. 1,70,945-3-9 in 1887-88 against Rs. 1,73,090-1-8 in 1886-87, being Rs. 2,144-13-11 less than the expenditure in last year.

Budget Grant	Rs. 1,71,383 0 0
Additional Grant	„ 5,375 11 10
	Rs. 1,76,639 11 10

57. The decrease of expenditure is explained below :—

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Town Council and Corporation Establishment.	1887-88	48,984 9 7		
	1886-87	42,474 6 0		
Budget Grant ...Rs. 45,468 0 0				
Additional Grant „ 5,256 0 0				
Rs. 50,724 0 0			6,510 3 7	.....
Municipal Commissioner's Department.	1886-87	74,373 3 9		
	1887-88	67,978 5 0		
Budget Grant ... Rs. 69,355-0-0.			.....	6,394 14 9
Controller's Department.....	1886-87	56,242 7 11		
	1887-88	53,982 5 2		
Budget Grant... Rs. 56,560 0 0				
Additional Grant „ 119 11 10				
Rs. 56,679 11 10			.....	2,260 2 9
		Total...Rs.	6,510 3 7	8,655 1 6
		Deduct—Increase...Rs.		6,510 3 7
		Decrease...Rs.		2,144 13 11

58. The increase of Rs. 6,510-3-7 in the Town Council and Corporation Etablishment is explained below :—

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Salary, Secretary, Town Council.	1887-88	14,862 9 3		
	1886-87	14,400 0 0	462 9 3*	.....
2. Office Establishment ...	1887-88	3,348 0 0		
	1886-87	3,227 9 4	120 6 8†	.....
3. Fees of Town Councillors.	1886-87	16,710 0 0		
	1887-88	15,750 0 0	.....	960 0 0
4. Publishing Weekly Accounts.	1886-87	3,420 6 6		
	1887-88	3,391 8 0	.....	28 14 6
Carried over.....		..... Rs.	582 15 11	988 14 6

*Due to the charges of the acting arrangements made during the absence of Mr. Barrow on privilege leave for 3 months from 29th April 1887.

†Due to a personal allowance of Rs. 10 per mensem allowed to the Head Clerk.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over...Rs.	.....		582 15 11	988 14 6
5. Contingencies, Stationery, Printing, &c.	1887-88	11,632 8 4		
	1886-87	4,595 6 2		
			7,037 2 2	.....
6. Peons' Clothing	1886-87	121 0 0		
	1887-88	*Nil.*		
			.....	121 0 0
Total ... Rs.			7,620 2 1	1,109 14 6
Deduct—Decrease ... „			1,109 14 6	
Increase...Rs.			6,510 3 7	

59. The decrease in the Municipal Commissioner's Department of Rs. 6,394-14-9 is explained as follows:—

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Salary, Municipal Commissioner.	1886-87	37,790 5 2		
	1887-88	30,000 0 0		
			.....	7,790 5 2*
2. Office Establishment	1887-88	13,338 4 6		
	1886-87	12,985 15 10		
			352 4 8†	.....
3. Contingencies, Stationery, Printing, &c.	1886-87	4,383 12 11		
	1887-88	3,928 12 8		
			.....	455 0 3
4. Peons' Clothing	1886-87	303 4 0		
	1887-88	*Nil.*		
			.....	303 4 0
5. General Establishment.....	1886-87	1,886 0 6		
	1887-88	1,884 5 4		
			.....	1 11 2
6. Printing Voters' Lists	1887-88	981 0 0		
	1886-87	972 0 0		
			9 0 0	.....
7. Law Charges.....	1887-88	17,845 14 6		
	1886-87	16,051 13 4		
			1,794 1 2	.....
Total... Rs.			2,155 5 10	8,550 4 7
Deduct—Increase... Rs.				2,155 5 10
Decrease... Rs.				6,394 14 9

*This decrease was due to the cost of the acting arrangements made during the absence of Mr. Ollivant on privilege leave for 3 months from 17th October 1886.

†Chiefly due to the annual increment allowed to certain Clerks of the Establishment.

60. The decrease of Rs. 2,260-2-9 in the Controller's Department is explained as follows :—

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Salary of the Controller..	1886-87	14,734 3 1		
	1887-88	14,400 0 0	.....	334 3 1*
2. Office Establishment ...	1886-87	36,810 12 2		
	1887-88	35,339 3 5	.....	1,471 8 9
3. Stores	1886-87	2,999 10 10		
	1887-88	2,994 0 7	.....	5 10 3
4. Contingencies, Stationery, Printing, &c.	1886-87	1,516 1 10		
	1887-88	1,249 1 2	.....	267 0 8
5. Peons' Clothing	1886-87	181 12 0		
	1887-88	*Nil.*	.....	181 12 0
			Decrease... Rs.	2,260 2 9

61. *Assessor and Collector's Department.*—This department expended Rs. 1,14,906-10-3 in 1887-88 against Rs. 1,27,733-9-9 in 1886-87, being Rs. 12,826-4-6 less than the expenditure of the last year, as per particulars given below :—

Budget Grant ..... Rs. 2,06,645-0-0
Additional Grant... „ 6,415-14-7
Rs. 2,13,060-14-7

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Salary of the Assessor and Collector with horse allowance.	1887-88	18,390 4 2		
	1886-87	12,600 0 0	790 4 2†	.....
2. Office and Out-door Establishment.	1887-88	34,801 11 8		
	1886-87	33,976 10 8	825 1 0‡	.....
3. Ward Inspection Offices.	1887-88	46,045 0 5		
	1886-87	45,306 12 4	738 4 1‡	.....
4. Contingencies, Stationery, Printing, &c.	1887-88	11,420 10 0		
	1886-87	11,068 0 9	352 9 3	.....
5. Receipt Stamps	1887-88	1,844 0 0		
	1886-87	1,737 2 0	106 14 0	.....
6. Binding and Repairing Assessment Books.	1887-88	205 0 0		
	1886-87	*Nil.*	205 0 0	.....
7. Peons' Clothing	1886-87	809 8 0		
	1887-88	*Nil.*	.....	809 8 0
Carrried over... ... . Rs.			3,018 0 6	809 8 0

* The decrease was due to the transfer of the Loan Branch from the Controller's department to the Bank of Bombay from 1st July 1887.

† Due to the increament of Rs. 50 per mensem allowed to the Assessor and Collector and to the cost of acting arrangements made during the absence of Mr. Brunton on privilege leave from 7th June to 8th July 1887.

‡ Due to increased establishment charges and to the cost of acting arrangements made during the absence of certain clerks of the establishment on privilege leave.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over...Rs.			3,018 0 6	809 8 0
8. Furniture for New Ward Office.	1886-87	255 0 0		
	1887-88	*Nil.*		
			.....	255 0 0
9. Preparing and Printing 200 Copies of Assessment Books.	1886-87	14,780 8 0		
	1887-88	*Nil.*		
			.....	14,780 8 0
		Total ... Rs.	3,018 0 6	15,845 0 0
		Deduct—Increase...Rs.		3,018 0 6
		Decrease...Rs.		12,826 15 6

62. *Music and other Licenses Department* expended Rs. 4,472-10-8 in 1887-88 against Rs. 965-8-6 in 1886-87, being Rs. 3,507-2-2 more than the expenditure of the last year, explained under the following particulars :—

Budget Grant, Rs. 4,980.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. A. Office Establishment (under Police Com :)	1887-88	840 0 0		
	1886-87	840 0 0		
			.....	.....
B. Office Establishment (under Health Officer)	1887-88	3,424 8 8		
	1886-87	*Nil.*		
			3,424 8 8	.....
2. Contingencies, Stationery, Printing, &c.	1887-88	208 2 0		
	1886-87	125 0 0		
			82 9 6	.....
		Increase...Rs.	3,507 2 2	

63. *Public Health Department.*—The total expenditure of the Health Department in 1887-88 amounted to Rs. 9,68,075-2-4 against Rs. 9,14,556-9-6 in 1886-87, being Rs. 53,518-8-10 more than the expenditure of the last year.

Budget Grant, Rs. 10,01,168-0- 0
Additional „ „ 27,145-6-10
Rs. 10,28,313-6-10

64. The increase of Rs. 53,518-8-10 is explained by the following particulars :—

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. General Supervision ...	1887-88	37,733 4 10		
	1886-87	37,255 14 4		
			477 6 6	.....
2. Conservancy Branch ...	1887-88	8,53,439 10 4		
	1886-87	8,05,948 12 10		
			47,490 13 6*	.....
Carried over...		...Rs.	47,968 4 0	.....

* Rs. 19,682-15-0 were chiefly due to the extension of the Halalkhor Service to the Port Trust Section of B. Ward and to the various Spinning and Weaving Mills.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over...Rs.			47,968 4 0	.....
3. Registration of Births and Deaths ...	1887-88	21,338 8 10		
	1886-87	16,548 14 2	4,789 10 8	.....
4. Cemeteries ...	1887-88	4,176 12 2		
	1886-87	3,822 11 11	354 0 3	.....
5. Vaccination ...	1887-88	17,573 6 5		
	1886-87	13,460 11 10	4,112 10 7	.....
6. Laboratory ...	1887-88	222 4 3		
	1886-87	205 6 3	16 14 0	.....
7. Maintenance of Dhobies' Lines.	1886-87	17,626 4 10		
	1887-88	17,577 1 9	.....	49 3 1
8. Milch Cattle Stables ...	1887-88	11,332 14 10		
	1886-87	10,735 6 9	597 8 1	.....
9. Licenses ...	1886-87	3,574 13 1		
	1887-88	.....	.....	3,574 13 1
10. Tank Conservancy ...	1886-87	5,377 9 6		
	1887-88	4,681 2 11	.....	696 6 7
		Total... Rs.	57,838 15 7	4,320 6 9
		Deduct—Decrease... „	4,320 6 9	
		Increase...Rs.	53,518 8 10	

65. The increase of Rs. 47,490-13-6 in the Conservancy Branch is explained by the following particulars :—

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Superintendence and Inspection.	1887-88	45,991 6 5		
	1886-87	45,635 8 2	355 14 3	.....
2. Labour, including feed of Cattle.	1887-88	3,43,201 3 3		
	1886-87	3,33,442 7 3	2,758 12 0	.....
3. Disposal of Town Sweepings, A, Reclamation.	1887-88	29,073 12 2		
	1886-87	27,464 8 8	1,609 3 6	.....
4. Repairs ...	1887-88	40,212 6 2		
	1886-87	24,731 11 4	15,480 10 10	.....
Carried over... ... ...Rs.			20,204 8 7	.....

* The pay of special police employed at the different Burial and Burning Grounds during 1886-87, amounting to Rs. 2,880, had remained unpaid in that year owing to the Police Commissioner having preferred an additional charge for European supervision and arms and clothing and for pension contributions. This charge having been paid in 1887-88, in addition to the payments made during the year on account of karkoons employed in place of the special police, accounts for this large increase under this head.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over Rs.			20,204 8 7	.....
5. Stores ...	1887-88	28,172 5 10		
	1886-87	25,704 4 1		
			2,468 1 9	.....
6. Reserve Live Stock	1886-87	16,301 0 0		
	1887-88	13,045 5 0		
			.....	3,255 11 0
7. Rent ...	1887-88	11,047 7 6		
	1886-87	10,399 7 6		
			648 0 0	.....
8. Water-supply ...	1887-88	8,608 11 6		
	1886-87	7,856 0 4		
			752 11 2	.....
9. Waterproof Clothing	1886-87	370 6 0		
	1887-88	360 10 0		
			.....	9 12 0
10. Halalkhor Branch...	1887-88	3,33,726 6 6		
	1886-87	3,14,043 7 6		
			19,682 15 0	.....
	Total... Rs.		50,756 4 6	3,265 7 0
	Deduct—Decrease...Rs.		3,265 7 0	
	Increase...Rs.		47,490 13 6	

66. *Municipal Engineer's Department* expended Rs. 1,07,281-7-3 in 1887-88 against Rs. 1,23,380-4-4 in 1886-87, being Rs. 16,098-13-1 less expended than in last year, as per particulars given below :—

Budget Grant, Rs. 1,11,084.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Salary, Executive and Assistant Engineers...	1886-87	51,758 1 0		
	1887-88	38,864 8 3	.....	12,893 8 9
2. Office Establishment ...	1886-87	21,794 14 9		
	1887-88	20,657 1 0	.....	1,137 13 9
3. Surveyors and Draftsmen	1886-87	16,894 2 9		
	1887-88	15,042 9 6	.....	1,851 9 3
4. Out-door Establishment (Road and Building).	1887-88	26,287 13 10		
	1886-87	26,002 15 6	284 14 4	.....
5. Contingencies, Stationery, Printing, &c. ...	1886-87	6,610 14 4		
	1887-88	6,397 6 8	.....	213 7 8
6. Waterproof Clothing ...	1886-87	319 4 0		
	1887-88	32 0 0	.....	287 4 0
	Total...Rs.		284 14 4	16,383 11 5
	Deduct—Increase...Rs.			284 14 4
	Decrease ...Rs.			16,098 13 1

* This decrease is due to the payment of the furlough allowance to the Deputy Executive Engineer, Mr. C. Braham, during 1886-87, and of the salary of the Consulting Engineer, who died in October 1886.

67. The following is a comparative statement of contract rates between the years 1885-86, 1886-87, and 1887-88 :—

Particulars.	1885-86.	1886-87.	1887-88.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Road Metal	6 2 0	5 7 0	5 3 6
Sandstone	5 12 0	5 9 6	5 7 0
Sea Sand	10 0 0	7 12 0	8 0 0
Shingles			
Bullocks per pair.	0 14 0	0 13 6	0 12 9
Extra	.....	.....	0 14 0
Labour carts with bullocks ..... per diem.	1 5 0	1 3 0	1 2 0
Extra carts	.....	.....	1 6 0
Single Bullock with driver	.....	.....	0 9 0
Watering by carts ..... per mensem.	.....	Departmentally.	Departmentally.
Do. Bhistees ..... ,,	1,195 6 2	Do.	Do.
Scraping Roads	.....	Do.	Do.
Hay .....per 1,000 lbs.	13 0 0	8 9 0	7 11 0
Green Grass ..... ,,	5 0 0	4 12 0	4 7 0
Rice Straw ..... ,,	7 0 0	8 4 0	6 13 0
Oorad ..... ,,	31 7 0	30 12 0	30 15 0
Gram ..... ,,	28 0 0	27 8 0	30 0 0
Bran ..... ,,	20 0 0	22 8 0	21 0 0
Rice ..... ,,	30 0 0	40 0 0	39 12 0
Matra ..... ,,	25 0 0	25 0 0	25 8 0
Mutt	29 0 0	30 0 0	.....
Oil-cake	38 0 0	30 0 0	36 0 0
Salt ..... per 1,000 lbs.	.....	32 0 0	35 0 0
Coal, West Hartley ..... per ton.	18 6 0	17 0 0	20 4 0
Do. Smithy ..... ,,	18 0 0	20 0 0	19 8 0
Coke, Europe ..... ,,	27 12 0	28 0 0	27 8 0
Cardiff	18 8 0	18 0 0	20 4 0
Squatters' Fees.			
Arthur Crawford Beef, Fish and Mutton Markets, per annum.	6,200 0 0	7,050 0 0	7,375 0 0
Do. do. per mensem.	900 0 0	587 8 0	614 9 4
Erskine Road Fish and Mutton Market ..... per annum.	10,800 0 0	12,000 0 0	12,900 0 0
Do. do. ..... per mensem.	900 0 0	1,000 0 0	1,075 0 0
Fort Market ..... per annum.	1,600 0 0	1,600 0 0	1,500 0 0
Do. ..... per mensem.	133 5 4	133 5 4	125 0 0
Pedder Market ..... per annum.	1,050 0 0	1,500 0 0	1,525 0 0
Do. ..... per mensem.	87 8 0	125 0 0	127 1 4
Bandora Fair and Feeding Ground Fees, per annum	49,000 0 0	52,400 0 0	58,000 0 0
Do. do. do. per mensem.	4,083 5 4	4,366 10 8	4,833 5 4
Carbolic Acid Powder .....in cask of 200 lbs.	15 15 0	16 0 0	16 2 0
Do. ..... per gallon.	2 11 0	2 6 0	3 2 0
Sanitas .....per cask of 200 lbs.	15 0 0	15 12 0	15 14 0
Kerosine-oil lighting .....per lamp per month.	1 5 0	1 3 6	1 1 0
Do. Do. special.	.....	.....	1 1 0
Lanterns	2 8 0	2 10 0	1 12 0
New Lanterns, Lamps and Post complete	.....	.....	3 8 0
Teak-posts	6 0 0	4 15 0	4 0 0
Iron brackets	1 0 0	0 14 0	0 10 0
Phenyle .....per imperial gallon.	3 0 0	3 6 0	4 2 0
Calvert's Soluble Creosote (including drums) ...	2 7 0	.....	3 0 0
Paving footpaths with blue stones, per 100 stones.	44 0 0	39 8 0	41 0 0
Kerbing ..... per rg. ft.	0 8 0	0 7 0	0 8 0
Winding Clocks ..... per annum.	400 0 0	400 0 0	400 0 0
Removal of offal ..... ,,	5 0 0	5 0 0	.....
Clothing	.....	Rs. 40 per Havaldar and Rs. 20-10 per Peon.	.....

68. *Watering Roads.*—Expenditure for watering roads amounted to Rs. 64,902-1-1 in 1887-88 against Rs. 69,565-2-3, in 1886-87, being Rs. 4,663-1-2 less than expended last year.

Budget Grant, Rs. 81,388.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Watering by bhistees..	1886-87	8,659 4 9		
	1887-88	7,403 11 0	.....	1,255 9 9
2. Do. by carts departmentally	1886-87	47,024 6 2		
	1887-88	43,109 2 2	.....	3,915 4 0
3. Repairs to Water Posts	1886-87	4,309 7 4		
	1887-88	3,369 3 11	.....	940 3 5
4. Proportion $\frac{7}{8}$ cost of cart repairs.	1887-88	8,820 0 0		
	1886-87	7,812 0 0	1,008 0 0	.....
5. Cost of 8 new water carts.	1887-88	2.200 0 0		
	1886-87	1,760 0 0	440 0 0	.....
		Total...Rs.	1,448 0 0	6,111 1 2
		Deduct—Increase...Rs.		1,448 0 0
		Decrease...Rs.		4,663 1 2

69. *Road Repairs.*—Under this head were expended Rs. 3,84,835-4-4 in 1887-88 against Rs. 3,18,663-9-11 in 1886-87, being Rs. 66,171-10-5 more expended than last year, as per following particulars :—

Budget Grant ..... Rs. 3,05,942
Additional ..... „ 1,53,975
Total...Rs. 4,59,917

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Purchase of materials, road metal and sand stone, &c.	1887-88	83,768 3 11		
	1886-87	71,154 11 11	12,613 8 0	.....
2. Cart hire and labour...	1887-88	1,99,901 9 1		
	1886-87	1,61,500 7 9	38,401 1 4	.....
3. Paving footpaths ...	1886-87	36,250 5 3		
	1887-88	15,235 11 4	.....	21,014 9 11
4. Maintenance of steam-rollers, carts and share of repairing Persian wheels.	1886-87	22,080 14 6		
	1887-88	21,497 0 5	.....	583 14 1
5. Water-supply	1887-88	193 8 0		
	1886-87	45 8 0	148 0 0	.....
Carried over...		Rs.	51,162 9 4	21,598 8 0

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over...Rs.			51,162 9 4	21,598 8 0
6. Road metalling, the area, the drainage trenches.	1887-88	31,882 15 3		
	1886-87	*Nil.*		
			31,882 15 3	.....
7. Stores and Contingencies.	1887-88	31,980 8 0		
	1886-87	27,255 14 2		
			4,724 9 10	.....
		Total...Rs.	87,770 2 5	21,598 8 0
		Deduct—Decrease... „	21,598 8 0	
		Increase...Rs.	66,171 10 5	

70. *Improvement of Streets.*—Under this head were expended Rs. 59,109-11-3 in 1887-88 against Rs. 42,365-4-1 in 1886-87, being Rs. 16,744-7-2 more than in the last year, chiefly in payments of compensation for ground and buildings taken up for street improvement.

Budget Grant .....Rs. 40,000-0-0
Additional Grant..... „ 66,404-1-3
Rs. 1,06,404-1-3

71. *Drainage.*—Rs. 80,937-7-10 were expended in 1887-88 against Rs. 79,443-15-2 in 1886-87, being Rs. 1,493-8-8 more expended than in the last year, under the following particulars :—

Budget Grant..... Rs. 79,729-0-0
Additional Grant ..... „ 5,429-10-5
Rs. 85,228-10-5.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Miscellaneous Drainage and Staff—				
Budget Grant, Rs. 31,170-3-5 ...	1886-87	23,407 11 7		
	1887-88	19,778 5 10		
			.....	3,629 5 9
2. Maintenance of Love Grove Pumping Station—				
Budget Grant, Rs. 50,525-12-7 ...	1887-88	57,006 15 6		
	1886-87	52,742 8 0		
			4,264 7 6	.....
3. Maintenance of Love Grove, Warli and Dharavi Sluices—				
Budget Grant, Rs. 3,532-10-5 ...	1887-88	4,152 2 6		
	1886-87	3,293 11 7		
			858 6 11	.....
		Total... Rs.	5,122 14 5	3,629 5 9
		Deduct—Decrease... „	3,629 5 9	
		Increase...Rs.	1,493 8 8	

72. The increase in the maintenance of Love Grove Pumping Station of Rs. 4,264-7-6 and in the maintenance of Love Grove, Warli and Dharavi Sluices of Rs. 858-6-11, is explained under the following details:—

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Establishment	1887-88	8,596 4 5		
	1886-87	7,901 7 11	694 12 6	.....
2. Coals	1887-88	37,021 9 9		
	1886-87	30,256 15 0	6,764 10 9	.....
3. Repairs, Machinery	1886-87	4,177 11 6		
	1887-88	1,361 4 2	.....	2,816 7 4
4. Contingencies and Stores.	1886-87	7,667 2 1		
	1887-88	7,374 4 0	.....	292 14 1
5. Repairs to Buildings.....	1887-88	761 7 4		
	1886-87	92 1 8	369 5 8	.....
6. Water-supply	1886-87	2,630 0 0		
	1887-88	2,175 0 0	.....	455 0 0
		Total... Rs.	7,828 12 11	3,564 5 5
		Deduct—Decrease... ,,	3,564 5 5	
		Increase... Rs.	4,264 7 6	

73. Maintenance of Love Grove, Warli and Dharavi Sluices.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Establishment ...	1887-88	1,812 7 8		
	1886-87	1,103 10 10	708 12 10	.....
2. Materials.....	1887-88	420 1 3		
	1886-87	132 2 0	287 15 3	.....
3. Repairs.....	1886-87	806 13 2		
	1887-88	456 8 2	.....	350 5 0
4. Contingencies.....	1887-88	192 7 0		
	1886-87	17 10 10	174 12 2	.....
5. Supervision	1887-88	1,232 0 0		
	1886-87	1,200 0 0	32 0 0	.....
6. Water Supply.....	1887-88	38 10 5		
	1886-87	33 6 9	5 3 8	.....
		Total...Rs.	1,208 11 11	350 5 0
		Deduct—Decrease... ,,	350 5 0	
		Increase...Rs.	858 6 11	

74. *Maintenance of Public Gardens.*—Expenditure under the head of Public Gardens, amounted to Rs. 42,123-2-3 in 1887-88 against Rs. 38,325-15-6 in 1886-87, being Rs. 3,797-2-9 more than the expenditure of the last year, as explained below:—

Budget Grant... Rs. 39,481-0-0
Additional „ ... „ 5,112-12-0
Rs. 44,593-12-0

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Victoria Gardens—				
Budget and Additional Grant, Rs. 35,998-0-0.	1887-88	35,175 5 4		
	1886-87	29,935 2 1		
			5,240 3 3	.....
2. Elphinstone Circle Garden—				
Budget and Additional Grant, Rs. 3,796-8-0.	1886-87	3.908 15 1		
	1887-88	2,765 3 5		
			.....	1,143 11 8
3. Falkland Road Garden—				
Budget and Additional Grant, Rs. 468-0-0.	1886-87	462 14 7		
	1887-88	439 7 7		
			.....	23 7 0
4. Northbrook Garden—				
Budget and Additional Grant, Rs. 1,496-0-0.	1886-87	1,450 6 11		
	1887-88	1,200 12 9		
			.....	249 10 2
5. Sir Cowasjee Jehangir Readymony Mahim Garden—				
Budget and Additional Grant, Rs. 482-12-0.	1886-87	546 5 1		
	1887-88	482 1 3		
			.....	64 3 10
6. Bazar Gate Garden—				
Budget and Additional Grant, Rs. 586-0-0.	1886-87	811 3 1		
	1887-88	704 15 2		
			.....	106 3 11
7. Garden on the Flats—				
Budget and Additional Grant, Rs. 1,202-8-0.	1887-88	1,137 11 11		
	1886-87	1,111 12 10		
			25 15 1	.....
8. Dick's Tank Garden—				
Budget and Additional Grant, Rs. 264-0-0.	1887-88	217 8 10		
	1886-87	99 3 10		
			118 5 0	.....
		Total... Rs.	5,384 7 4	1,587 4 7
		Deduct—Decrease... „	1,587 4 7	
		Increase... Rs.	3,797 2 9	

75. The increase of expenditure of Rs. 5,240-3-3 in the Victoria Gardens in 1887-88 was due to an increase of Rs. 3,048-14-4 in the establishment; Rs. 608-4-2 in the purchase of seeds and new

plants; Rs. 2,181-4-7 in repairs and new works; and Rs. 783-4-0 on account of water supply. The details are as under :—

Victoria Gardens—	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Establishment ...	1887-88	11,486 7 0		
	1886-87	8,437 8 8	3,048 14 4	.....
2. Contingencies and Stores.	1886-87	10,320 7 5		
	1887-88	8,931 15 7	.....	1,381 7 10
3. Seeds and New Plants.	1887-88	1,634 4 6		
	1886-87	1,026 0 4	608 4 2	.....
4. Repairs and New Works.	1887-88	4,206 14 3		
	1886-87	2,225 9 8	2,181 4 7	.....
5. Water Supply ...	1887-88	8,908 12 0		
	1886-87	8,125 8 0	783 4 0	.....
		Total...Rs.	6,621 11 1	1,381 7 10
		Deduct—Decrease „	1,381 7 10	
		Increase...Rs.	5,240 3 3	

76. *Interest on Loans.*—Payments under this head on the following Loan, amounted to Rs. 2,00,971-14-4 in 1887-88 against Rs. 2,18,090-0-9 in 1886-87, being Rs. 17,118-2-4 less paid than in last year, as per following details :—

Budget Grant...Rs. 2,70,810-11-3
Additional „ ... „ 32,375-15-1
Rs. 3,03,186-10-4

Particulars of Loan.	Payments. Rs. a. p.	Rs. a. p.	Year.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Market Loan.....	30,093 1 2				
2. House Rate	67,575 0 0				
	97,668 1 2				
Less—Interest on Sinking Fund invested.	66,316 11 2	31,351 6 0	1887-88		
1. Market Loan.....	37,200 0 0				
2. House Rate	66,480 0 0				
	1,03,680 0 0				
Less—Interest on Sinking Fund invested.	73,970 7 0	29,709 9 0	1886-87	1,641 13 0	.....
3. Balance of 2nd 15 Lakhs Loan.	.....	51,777 0 0	1886-87		
Do. do.	.....	51,101 13 3	1887-88	.....	675 2 9
4. Drainage Loan of 1878	1,25,562 8 0				
Less—Tranferred to Bhandarwada Loan of 10 Lakhs	46,518 11 2	79,043 12 10	1886-87		
Drainage Loan of 1878	1,25,762 8 0				
Less—Transferred to Bhandarwada Loan of 10 Lakhs	48,993 4 10	76,769 3 2	1887-88	.....	2,274 9 8
	Carried over...		Rs.	1,641 13 0	2,949 12 5

	Payments. Rs. a. p.	Rs. a. p.	Year.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over...Rs.				1,641 13 10	2,949 12 5
5. Surface Drainage Loan	.....	24,290 10 2	1886-87		
Do. do. do.	.....	24,142 9 6	1887-88		
6. New Sanitary Works Loan of 44 Lakhs...	2,64,971 14 10			.....	148 0 8
Less Interest	2,31.702 14 1				
		33,269 0 9	1886-87		
New Sanitary Works Loan of 44 Lakhs ...	2,12,075 0 0				
Less—Interest ...	1,94,468 1 6				
		17,606 14 6	1887-88	.....	15,662 2 3
			Total...Rs.	1,641 13 0	18,759 15 4
			Deduct—Increase... Rs.	1,641 13 0	
			Decrease ... Rs.		17,118 2 4

77. *Charges on account of Loans* amounted to Rs. 61,459-10-4, less Rs. 35,872-8-0, being receipts on account of premium on Tansa Loan which reduced the charges to Rs. 25,586-12-10 in 1887-88 against Rs. 40,898-9-9 less Rs. 500, being premium on Tansa Loan received in 1886-87, which reduced the charges of that year to Rs. 40,398-9-9, being Rs. 14,811-12-11 less than the charges in last year, as is shown under the following details :—

Budget Grant, Rs. 26,750.

Details of charges.	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. House Rate Loan Contingencies.	1886-87	74 1 0		
	1887-88	8 0 0	.....	66 1 0
2. Exchange on House Rate Loan.	1887-88	21,444 2 10		
	1886-87	18,309 11 1	3,134 7 9	.....
3. Commission on House Rate Loan.	1886-87	549 7 11		
	1887-88	547 9 0	.....	1 14 11
4. Market Loan Contingencies.	1886-87	149 11 0		
	1887-88	87 2 3	.....	62 8 9
5. Exchange on Market Loan.	1886-87	10.040 9 8		
	1887-88	8,695 7 2	.....	1,345 2 6
6. Commission on Market Loan.	1886-87	291 8 0		
	1887-88	219 4 2	.....	72 3 10
7. Government Loan Contingencies.	1887-88	190 4 1		
	1886-87	178 14 2	11 5 11	.....
8. Drainage Loan	1886-87	28 7 0		
	1887-88	*Nil.*	.....	28 7 0
9. Extra Establishment for payment of interest on Tansa Loan.	1887-88	260 0 0		
	1886-87	*Nil.*	260 0 0	.....
Carried over...			Rs. 3,405 13 8	1,576 6 0

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over...Rs.			3,405 13 8	1,576 6 0
10. Brokerage on 30 Lakhs Tansa Loan.	1887-88	3,500 0 0		
	1886-87	*Nil.*		
			3,500 0 0	.....
11. Cost of Water-marked Paper on account of 7 Lakhs Loan.	1887-88	183 2 6		
	1886-87	112 15 8		
			70 2 10	.....
12. Stamping Blank Copies of the Tansa Water Works Loan.	1887-88	18,000 0 0		
	1886-87	8,500 0 0		
			9,500 0 0	.....
13. Extra Establishment for payment of Sanitary Works Loan.	1886-87	644 0 0		
	1887-88	*Nil.*		
			.....	644 8 3
14. Cost of printing Tansa Water Works Debentures.	1887-88	198 0 1		
	1886-87	66 4 0		
			131 12 0	.....
15. Tansa Water Works Loan Contingencies.	1886-87	1,822 8 0		
	1887-88	*Nil.*		
			.....	1,822 8 0
16. Sanitary Works Loan Contingencies.	1886-87	130 0 0		
	1887-88	*Nil.*		
			.....	130 0 0
17. Commission to the Bank of Bombay on account of Municipal Loan transferred to the Bank.	1887-88	1,626 4 10		
	1886-87	*Nil.*		
			1,626 4 10	.....
18 Premium of different Loans.	1887-88	6,500 0 0		
	1886-87	*Nil.*		
			6,500 0 0	.....
	Total...Rs.		24,734 1 4	4,173 6 3
Add—Premium Tansa Loan	„		500 0 0	35,872 8 0
	Rs.		25,234 1 4	40,045 14 3
	Deduct—Increase...Rs			25,234 1 4
	Decrease...Rs. „			14,811 12 11

78. *Discount on Loans.*—A sum of Rs. 1,43,937 has been shown as a separate debit entry, being discount paid on a portion of 44 lakhs Sanitary Works Loan, raised in 1885-86, *viz.*, of Rs. 25,01,079.

79. *Primary Education.*—A sum of Rs. 40,248 was contributed towards primary education by the Municipality in 1887-88, against Rs. 22,500 in 1886-87 being Rs. 17,748 more than the contribution paid last year.

Budget Grant, Rs. 31,374
Add—Transfer „ 8,874
Total ... Rs. 40,248

80. *School for Deaf and Dumb Mutes.*—Full grant was paid to this school in 1887-88 against Rs. 1,200 given last year.

Budget Grant, Rs. 1,800.

81. *Victoria and Albert Museum, and School of Art.*—Rs. 10,166-12-11 were contributed to this institution in 1887-88 against Rs. 6,404-0-1 in 1886-87.

Budget and additional Grant, Rs. 11,230-15-8.

82. *Veterinary College.*—Full grant was paid this year as it was in the last year.

Budget Grant, Rs. 2,500.

83. *Gokuldas Tejpal Hospital.*—Rs. 34,753-1-0 were paid for hospital expenses in 1887-88 against Rs. 42,386-7-4 paid last year, being Rs. 7,633-6-4 less paid.

Budget Grant, Rs. 36,000.

84. *Jaffer Suleiman Dispensary for Women and Children.*—The whole grant was expended this year as in the last.

Budget Grant, Rs. 6,000.

85. *Pensions, Gratuities and Compassionate Allowances.*—Pensions amounted to Rs. 18,653-10-2 in 1887-88 against Rs. 18,186-13-1, being Rs. 466-13-1 more than paid last year. Gratuities, &c., amounted to Rs. 11,877-1-4 in 1887-88 against Rs. 945-12-0 in 1886-87, being Rs. 10,931-5-4 more than paid last year.

Budget and Additional Grant, Rs. 30,366-6-1.

86. *Discretional Contingencies.*—Rs. 4,190-9-2 were expended in 1887-88 against Rs. 5,166-4-11 paid in last year.

Budget and Additional Grant, Rs. 5,212-15-3.

87. *Auditors' Allowances.*—The whole grant was expended in payment of this allowance.

Budget Grant, Rs. 5,000.

88. *Rent of Municipal Office.*—The whole of this grant was expended in payment of rent of the Municipal Office at Rs. 1,400 per mensem.

Budget Grant, Rs. 16,800.

89. *Nesbit Road Bridge.*—A further sum of Rs. 42,111-3-10 were paid to the G. I. P. Railway Company towards the expenses of this Bridge in 1887-88, raising the total to Rs. 1,81,325-11-2 paid up to 31st March 1888.

90. The following sundry expenditure was incurred during the year 1887-88, on account of lapsed grants of the previous year :—

	Rs.	a.	p.
Election expenses	414	3	3
Cost of illuminating, &c., Addresses to H. R. H. the Duke of Connaught and His Excellency the Earl Dufferin the Viceroy	68	12	8
Expenses on Jubilee illuminations, holding a public fair, school children fête	582	2	1
Illuminating the Address of Congratulation to H. M. on the occasion of the Jubilee and cost of casket	5,380	9	7
Rs.	6,445	11	7

91. *New Works.*—Rs. 97,107-11-10 were expended on New Works in 1887-88 against Rs. 1,25,222-4-1 in 1886-87, being Rs. 28,114-8-3 less expended than in the last year.

Budget and Additional Grant, Rs. 2,74,889-4-3.

92. The following are some of the principal works :—

In Health Department—			
Acquiring New Burial Ground for Mahomedans, &c. ...	Rs.	10,155	0 0
New Latrines and Urinals	„	6,148	11 0
Improvement, Bandora Slaughter Houses	„	11,742	7 9
Construction of Beehive Destructor	„	7,128	9 8
Experiment in Cutchra burning...	„	1,947	2 3
Small-pox Hospital, Arthur Road	„	8 018	0 3
Sundry Works	„	3,130	2 9
	Rs.	48,270	1 8
In Road Department—			
New Cross Road from Ripon Road to Byculla	Rs.	24,470	6 0
Other Special Road improvements	„	13,497	4 10
57 Iron Water Tanks at all Persian wheels	„	2,894	0 0
Sundry works	„	1,984	8 9
	Rs.	42,846	3 7
In Drainage Department—			
Construction of two culverts, Malabar Hill	Rs.	2,746	8 2
Repairs to Falkland Road Drain	„	3,244	14 5
	Rs.	5,991	6 7
Grand Total...	Rs.	97,107	11 10

93. *Lighting Account.*—Cost of lighting the Town and Island of Bombay amounted to Rs.2,85,949-8-10 in 1887-88 against Rs. 2,91,510-12-11 in 1886-87, being Rs. 5,561-4-1 less than expended in the last year:—

Budget Grant, Rs. 2,97,940.

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Gas Charges (Streets and Bunders).	1887-88	2,64,977 14 8		
	1886-87	2,61,549 12 1	3,427 11 7	.....
Carried over...		Rs.	3,427 11 7	.....

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over...Rs.			3,427 11 7	.....
2. Queen's Statute.....	1886-87	1,120 0 0		
	1887-88	1,116 4 11		
			.....	3 11 1
3. Wadia Fountain Clock.	1886-87	1,639 3 11		
	1887-88	636 0 0		
			.....	1,003 3 11
4. Contingencies. Gas Charges.	1886-87	4,629 15 7		
	1887-88	810 11 11		
			.....	3,819 3 8
5. Kerosine and Oil Lights(475 Kerosine Oil Lights).	1887-88	16,105 15 4		
	1886-87	15,436 13 2		
			669 2 2	.....
6. Electric Lights and moiety of the cost of lighting the Rajabai Tower with Electric Light.	1886-87	4,448 0 7		
	1887-88	*Nil.*		
			.....	4,448 0 7
7. Contingencies for Oil and Electric Lights.	1886-87	1,126 8 7		
	1887-88	742 10 0		
			.....	383 14 7
		Total...Rs.	4,096 13 9	9,658 1 10
		Deduct—Increase...Rs.		4,096 13 9
		Decrease ...Rs.		5,561 4 1

94. *Police Account* (including Police Hospital and Fire Brigade).—The expenditure under this head amounted to Rs. 3,31,018-4-11 in 1887-88 against Rs. 3,32,818-0-10 in 1886-87, being Rs. 1,799-11-11 less than expended in last year, as per following particulars :—

Budget and Additional Grant, Rs. 3,73,672-14-7.

Particulars.	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. General Police (including Hospital).	1886-87	2,61,914 1 8		
	1887-88	2,61,348 7 0		
			.....	565 10 8
2. Steam Fire Brigade Establishment.	1887-88	27,284 6 9		
	1886-87	18,354 6 11		
			8,929 15 10	.....
3. Repairs to Engines.....	1887-88	1,924 8 3		
	1886-87	1,444 7 3		
			480 1 0	.....
4. Contingencies for extinguishing Fires.	1886-87	6,534 0 5		
	1887-88	6,168 9 6		
			.....	365 6 11
Carried over...		Rs.	9,410 0 10	931 1 7

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over...Rs.			9,410 0 10	931 1 7
5. Compensation for damages to Police Officers' Clothes.	1886-87	2,114 0 0		
	1887-88	1,771 0 0		
			.....	343 0 0
6. Charges for Buggy-hire and Feed of Horses.	1887-88	3,951 8 4		
	1886-87	3,649 13 10		
			301 10 6	.....
7. Lighting Fire Engine Sheds.	1886-87	117 4 0		
	1887-88	116 1 0		
			.....	1 3 0
8. Cost of Stores.....	1887-88	1,162 15 8		
	1886-87	1,037 14 9		
			125 0 11	.....
9. Purchase of Horses ...	1887-88	1,254 0 0		
	1886-87	*Nil.*		
			1,254 0 0	.....
10. Rent of Quarters for Engineers, &c.	1887-88	4,282 0 0		
	1886-87	4,132 0 0		
			150 0 0	.....
11. Repairs to Fire Engines Stations.	1887-88	321 3 11		
	1886-87	288 15 9		
			32 4 2	.....
12. New charges on account of Fire Brigade.	1886-87	33,231 0 3		
	1887-88	21,433 8 6		
			.....	11,797 7 9
		Total...Rs. 11,273 0 5		13,072 12 4
			Deduct—Increase...Rs.	11,273 0 5
			Decrease ...Rs.	1,799 11 11

95. *Water Works Account.*—The total expenditure for Water Works, including instalments and interest on account of Water Works Loan, amounted to Rs. 18,83,045-4-9 in 1887-88 against Rs. 8,30,790-8-4 in 1886-87, being Rs. 10,52,254-12-5 more expended than in last year, as per particulars given below :—

Budget Grant...Rs. 11,80,459 12 5
Additional „ ... „ 7,18,686 8 10
Total ...Rs. 18,99,146 5 3

Particulars.	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
1. Executive Engineer's Department (proportion of).	1887-88	28,770 7 9		
	1886-87	25,882 2 3		
			2,888 5 6	.....
2. General Superintendence, proportion of $\frac{2}{16}$.	1886-87	23,950 0 10		
	1887-88	21,368 2 6		
			.....	2,581 14 4
3. Assessment and Collection and Refund and Remission Charges, proportion of $\frac{3}{16}$.	1886-87	21,636 4 3		
	1887-88	21,545 2 0		
			.....	91 2 3
Carried over...			Rs. 2,888 5 6	2,673 0 7

	Year.	Expenditure. Rs. a. p.	Increase. Rs. a. p.	Decrease. Rs. a. p.
Brought over...Rs.			2,888 5 6	2,673 0 7
4. Maintenance of Vehar Water Works—				
a. Establishment.	1887-88	43,064 8 4		
	1886-87	35,770 6 1	7,294 2 3	.....
b. Labour ...	1887-88	27,996 9 3		
	1886-87	22,971 12 7	5,024 12 8	.....
c. Repairs to Plant.	1886-87	4,530 4 8		
	1887-88	3,322 13 3	.....	1,207 7 5
d. Miscellaneous Stores.	1887-88	25,572 5 4		
	1886-87	23,372 0 3	2,200 5 1	.....
e. Contingencies.	1887-88	12,382 6 1		
	1886-87	6,655 11 10	5,726 10 3	.....
f. Clothings to Assistant Turn-cocks & Linemen.	1887-88	700 0 0		
	1886-87	*Nil.*	700 0 0	.....
5. Construction of Office and Store-room at Chinchpoogly, altering, relaying Water Mains; preparing Drawings, repairing Embankments, rebuilding Sluices, &c., &c.	1886-87	92,118 14 2		
	1887-88	87,721 3 9	.....	4,397 10 5
6. Discount on a portion of 44 lakhs Loans debitable to this account.	1887-88	1,09,283 0 0		
	1886-87	*Nil.*	1,09,283 0 0	.....
7. Loss by sale of Kennedy's Water Meters.	1887-88	10,627 2 4		
	1886-87	*Nil.*	10,627 2 4	.....
8. Interest paid on Water Works Loan.	1887-88	11,43,492 13 7		
	1886-87	4,22,692 11 3	7,20,800 2 4	.....
7. Instalments paid on Water Works Loans.	1887-88	3,46,898 10 7		
	1886-87	1,50,910 4 2	1.95,988 6 5	.....
		Total ...Rs.	10,60,532 14 10	8,278 2 5
		Deduct—Decrease ... „	8,278 2 5	
		Increase... Rs.	10,52,254 12 5	

96. *Loan Works.*—During the year under report, the following further expenditure was incurred on the undermentioned works in connection with Water Works sanctioned out of the Rs. 15 lakhs, Rs. 20,80,000, and Sanitary 7 lakhs Loans :—

	Particulars.	Amount expended up to 31st March 1887.	Added in 1887-88.	Total up to 31st March 1888.
	BOMBAY.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Expended From Rs. 15 Lakhs Loan.	Malabar Hill Reservoir	4,13,770 1 11	88,646 5 4	5,02,416 7 3
	Bhandarwada do.	9,86,648 12 7	63,910 11 6	10,50,559 8 1
7 Lakhs Sanitary Loan.	Total...	14,00,418 14 6	1,52,557 0 10	15,52,975 15 4
	VEHAR AND TULSI.			
	Vehar Outlet Tower.....	2,69,787 0 3	.....	2,69,787 0 3
	Tulsi Water Works	37,61,888 6 0	.....	37,61,888 6 0
	Do. gathering ground.....	60,000 0 0	.....	60,000 0 0
	Do. do.	34,500 0 0	.....	34,500 0 0
	Discount on Rs. 4,78,000 of 15 lakhs Loan.....	27,509 0 0	27,509 0 0	55,018 0 0
	Raising Tulsi Dam	1,08,148 15 1	5,108 10 6	1,13,257 9 7
	New Catch Water Channel	7,838 4 1	.....	7,838 4 1
Rs. 20,88,000 Loan.	Additional Catch Water Channels at Vehar and Tulsi.....	90,242 0 6	1,552 0 0	91,794 0 6
	Construction of Filter beds at Vehar.	1,02,374 10 5	2,059 5 6	1,04,433 15 4
	Do. of double-storeyed Chawls for Water Works Staff...	24,004 0 10	3,556 5 5	27,560 6 3
	Improvement of water-supply of the outlying districts	6,47,737 5 8	34,327 11 0	6,82,065 0 8
	Total...	51,34,029 10 10	.....	.....
	Value of the Vehar Lake	45,21,943 7 9	.....	45,21,943 7 9
	Tansa Water Works Survey	49,664 8 8	.....	49,664 8 8
Tansa Loan.	Do. Water Works	8,29,141 15 9	22,80,891 14 4	31,10,033 14 1
	Total...	8,78,806 8 5	22,80,891 14 4	31,59,698 6 9
	TANSA WATER.			
	Works Loan in Bank of Bombay.....	5,10,000 0 0	10,90,000 0 0	16,00,000 0 0
	Interest Deposit Account No. 2	.....	6,71,487 6 7	6,71,487 6 7
	MISCELLANEOUS CHARGES.			
	1. Purchase of Check Meters for the prevention of Waste of Water ...	1,27,132 14 3	.....	1,27,132 14 3
	2. Enlarging different Mains	1,03,066 2 8	64 5 10	1,03,130 8 6
	3. New Hydrants and erection charges.	20,876 7 1	.....	20,876 7 1
	4. Establishment Charges.....	80,770 0 0	.....	80,770 0 0
Rs. 20,88,000 Loan.	5. Discount on Rs. 14,20,921 of Rs 20,80,000 Loan.....	81,774 0 0	81,774 0 0	1,63,548 0 0
	6. Provision of Turbine at Malabar Hill	2,282 0 0	.....	2,282 0 0
Rs. 7 Lakhs Loan.	7. Increasing and improving the distribution of the water-supply and providing higher levels with filtered water.....	.....	714 9 5	714 9 5
	Total...	4,15,901 8 0	82,552 15 3	4,98,454 7 3
Rs. 12 Lakhs Loan.	8. Laying 18" main in Frere Road from Bhandarwada Reservoir in Carnac Road to Mint.....	.....	63,910 11 6	63,910 11 6
	Total...	4,15,901 8 0	1,46,463 10 9	5,62,365 2 9

97. *Surface Drainage Works.*—The sum expended during the year on these works amounted to Rs. 58,265-10-11. This, added to the total of last year Rs. 13,37,985-3-11, makes a total of Rs.13,96,250-14-10 up to 31st March 1888.

98. *New Drainage Works.*—The sum expended during this year on these works amounted to Rs. 57,107-10-5. This, added to the total of the last year Rs. 26,66,052-9-1, makes a total of Rs. 27,23,160-3-6 up to 31st March 1888.

99. *New Road from Bellasis Road across old Race Course.*—A further sum of Rs.2,00,227-1-2 was expended on this road during the year, making, with the sum expended last year Rs. 94,886-0-9, a total of Rs. 2,49,213-1-11 up to 31st March 1888.

100. *Extension of Erskine Road Market.*—Rs. 45,385-13-0 were expended on the construction of this market during the year, sanctioned out of the loan of 4 lakhs.

101. *Liabilities and Assets.*—In accordance with the provision of the Municipal Acts, the accounts of the Vehar Water Works Fund have been kept entirely separate and distinct from other accounts of the Municipal Fund; hence the Assets and Liabilities of the Municipal Funds are shown separately in Schedules Nos. 4 and 5, and of the Water Works Fund in Schedule No. 7.

102. From Schedules Nos. 4 and 5, it will appear that the Liabilities of the Municipal Fund amounted to Rs. 90,49,930-7-10, and the Assets to Rs. 2,04,74,979-14-9, including Rs. 14,89,199-2-10, which is a balance due by the Water Works Fund to the Municipal Fund.

103. The Liabilities were Rs. 8,04,734-6-8 more, and the Assets Rs. 15,64,828-5-6 more than the Liabilities and Assets of the last year.

104. From Schedule No. 7 it will appear that the total Assets to the Water Works Fund amounted to Rs. 1,70,13, 444-7-4, and the Liabilities to Rs. 1,51,97,985-6-1, the Assets exceeding the Liabilites by Rs. 18,15,459-1-3.

105. The total Liabilities are summarized as follows :—

Liabilities on account of Consolidated Loans—	Rs.	a.	p.	Rs.	a.	p.
1. Surface Drainage of	6,00,000	0	0			
is reduced in 1887-88 by	78,313	12	9			
				5,21,686	3	9
2. Balance of New Government Loan of Rs. 15 Lakhs reduced to	12,66,304	6	0			
is further reduced in 1887-88 by.	1,65,764	5	3			
				11,00,540	0	3
Carried over...				Rs. 16,22,226	4	0

	Rs. a. p.	Rs. a. p.
Brought over...Rs.		16,22,226 4 0
3. Local Debt—		
House Rate Loan	.....	11,23,000 0 0
Market Loan	6,15,000 0 0	
is reduced in 1887-88 by	3,35,000 0 0	
		2,80,000 0 0
4. New Drainage Loan of 1878 of Rs. 27,00,000 reduced to.....	15,62,425 0 0	
is further reduced in 1887-88...	13,635 13 8	
		15,48,789 2 4
5. Sanitary Works Loan of 1885-86 reduced to	24,97,100 0 0	
is further reduced in 1887-88 by.	2,51,813 2 10	
		22,45,286 13 2
6. Sanitary Works Loan of 7 Lakhs.	.....	7,00,000 0 0
7. Drainage and Water Works Loan of 12 Lakhs (portion of)	.....	5,57,500 0 0
8. Deposits in Cash and Govt. Promissory Notes on acct. of Works, &c.	.....	9,49,466 13 11
9. Sundry Debts on account of Commission on private works, Income-tax, Loan Works Establishment, &c.	.....	23,661 6 5
Total Liabilities...Rs.		90,49,930 7 10

106. The total Assets are summarized as follows:—

	Rs. a. p.	Rs. a. p.
1. Value of Recoverable and Personal Stock advanced to Municipal Officers and Contractors.....	2,10,326 15 4	
2. Do. do. of Materials	15,93,553 13 2	
		18,03,880 12 6
3. Investments at the Bank of Bombay on account of Sinking Fund and Interest on Government Promissory Notes, &c.	.....	57,42,193 9 10
4. Value of Property and Buildings booked ...	17,94,405 8 1	
5. Do. do. do. not booked..	45,37,835 11 11	
		63,32,241 4 0
6. Roads, Overbridges, and Drainage, &c., works, executed out of Loan Funds	.....	6,46,531 1 9
7. Surface Drainage Works Loan Account	.....	13,08,004 3 10
8. New Drainage Work Loan Account	.....	27,23,160 3 6
9. New Road from Bellasis Road across the old Race Course, sanctioned out of the Rs. 20,80,000 Loan ...	.....	1,37,116 12 6
10. Sanitary works executed out of the Loan of Rs. 20,80,000	.....	53,632 9 0
Carried over...		Rs. 1,87,46,760 8 11

	Rs. a. p.	Rs. a. p.
Brought over ...Rs.		1,87,46,760 8 11
11. Extension of Erskine Road Market out of 4 Lakhs Loan	.....	45,385 13 0
12. Amount expended on Street Improvement out of Road Improvement Fund	19,000 0 0	
13. Amount expended out of the Nesbit Road improvement Fund— Rs. 49,779-4-0 in 1886-87 „ 64-5-0 in 1887-88	49,844 8 0	
14. Amount due by Water Works Fund, being balance of account.....	14,89,199 2 10	15,58,043 10 10
	Rs.	2,03,50,190 0 9
Add—Balance on 31st March 1888... „		1,24,789 14 0
Total Assets... Rs.		2,04,74,979 14 9

107. The total Assets of Water Works Fund are summarized as follows :—

	Rs. a. p.	Rs. a. p.
1. Tulsi Water Works up to 31st March 1887	37,61,888 6 0	
2. Vehar Outlet Tower do. do.	2,69,787 0 3	
		40,31,675 6 3
3. New Service Reservoir, Bhandarwada, up to 31st March 1887	9,86,648 12 7	
Less—Receipts in 1887-88	168 6 0	
		9,86,480 6 7
Out of 15 Lakhs Loan. 4. Tulsi Gathering Ground up to 31st March 1887	60,000 0 0	
Discount on Rs. 4,78,000, a portion of 15 lakhs Loan up to 31st March 1887	27,509 0 0	
Malabar Hill Reservoir up to 31st March 1887.....	4,13,770 1 11	
Assets added in 1887-88..... Rs. 88,646 5 4		
Less—Discount on Rs. 4,78,000 Loan of 15 lakhs in 1887-88 „ 27,509 0 0		
	61,137 5 4	
		5,62,416 7 8*
5. Vehar and Tulsi Water Works, including Check Meters, Sundry Assets and Turbine, Malabar Hill, up to 31st March 1887	14,30,746 13 0	
Discount on a portion of Rs. 20,80,000 in 1887-88 ..... Rs. 81,774 0 0		
Less—Assets added in 1887-88... „ 46,668 6 3		
	35,105 9 9	
		13,95,641 3 3
6. Tansa Survey and Water Works up to 31st March 1887	8,78,806 8 5	
Do. do. Assets added in 1887-88.	22,80,891 14 4	
		31,59,698 6 9
7 Lakhs Loan. 7. Improving and increasing the distribution of water-supply up to 31st March 1887	19,476 6 0	
Do. do. Assets added in 1887-88.	714 9 5	
		20,190 15 5
12 Lakhs Loan. 8. Laying 18 inch main in Frere Road from Bhandarwada Reservoir in Carnac Road to Mint in 1887-88	.....	63,910 11 6
Value of Vehar Lake	....	45,21,948 7 9
Investment of Tansa Water Works Loan, 31st Mar. 1887.	5,10,000 0 0	
Do. do. do. 1887-88.	10,90,000 0 0	
		16,00,000 0 0
Do. Interest Deposit Account No. 2...	.....	6,71,487 6 7
Total Assets...	... .Rs.	1,70,18,444 7 4

* Out of this, Rs. 1,02,416-7-3 were paid out of 7 Lakhs Sanitary Works Loan.

108. The total Liabilities of Water Works Fund are summarized as follows :—

Liabilities on account of Consolidated Loans—	Rs.	a.	p.	Rs.	a.	p.
1. Tulsi Works Loan of Rs. 36 lakhs reduced to	32,06,527	7	6			
Further reduced in 1887-88	76,410	7	7			
				31,30,116	15	11
2. Balance of Tulsi Water Works Loan of Rs. 4,00,000 reduced to	3,33,255	4	11			
Further reduced in 1887-88	7,853	4	9			
				3,25,402	0	2
3. Bhandarwada Water Works Loan of Rs. 10,00,000 reduced to	9,19,075	0	0			
Further reduced in 1887-88	11,864	2	4			
				9,07,210	13	8
4. Portion of Sanitary Works Loan of Rs. 44 lakhs apportioned to Water Works, Rs. 18,98,921 reduced to	18,95,900	0	0			
Further reduced in 1887-88	1,91,186	13	2			
				17,04,713	2	10
5. Government of Bombay on account of Vehar Debt, Rs. 45,21,943-7-9 reduced to	29,58,427	1	5			
Further reduced in 1887-88	59,583	14	9			
				28,98,843	2	8
6. Portion of Tansa Water Loan raised in 1886-87	17,00,000	0	0			
Raised in 1887-88	30,00,000	0	0			
				47,00,000	0	0
7. Drainage and Water Works Loan of Rs. 12 lakhs	.....			42,500	0	0
8. Balance due by Water Works Fund to Municipal Fund	.....			14,89,199	2	10
Total Liabilities				...Rs. 1,51,97,985	6	1

109. Scrutiny of Collections and Outstanding Bills of Rates and Taxes for the year 1887-88 and of previous years.

Collections.—During the year under report, there were issued by the Assessor and Collector 76,057 net demand assessment bills, amounting in value to Rs. 26,08,198-1-9.

To the abovementioned number of bills were added 2,289 additional bills for the year 1886-87 and for previous years up to 1881 inclusive, of the value of Rs. 37,739-14-0, making the total of all collection bill to 78,346 and amounting to Rs. 26,45,937-15-9. Adding to this the amount of Government and Port Trust Bills of the value of Rs. 2,12,990, and the amount of Rs. 1,18,398-4-8, being the outstandings of the last year 1886-87, the total amount of collection bills for the year 1887-88 amounted to Rs. 29,77,326-4-5.

Out of the abovementioned Rs. 29,77,326-4-5, Rs. 26,05,593-13-0 were collected by the Assessor and Collector, and Rs. 2,12,990-0-0 were

paid by Government and Port Trust *direct* to the Municipality, making a total of collections received Rs. 28,18,583-13-0, which left a balance of Rs. 1,58,742-7-5.

From this balance of outstanding, Rs. 25,344-11-3 were deducted on account of old bills cancelled as irrecoverable and reduced in value for the year 1886-87 and former years, there remained Rs. 1,33,397-12-2 as the outstanding on the 31st day of March 1888.

110. We give in detail in the annexed form Appendices, marked A, B, C and D, the result of our scrutiny of the outstanding balances for the year 1887-88 and of previous years.

111. Appendix A shows outstandings for 1887-88, amounting to 1,546 bills of the value of Rs. 1,10,397-10-8.

112. Appendix B shows outstandings for the year 1886-87 and of previous years up to 1882 inclusive, amounting to 1,028 bills of the value of Rs. 24,299-14-11.

113. Appendix C shows outstandings of disputed and law-suit bills, amounting to 1,129 bills of the value of Rs. 7,700-2-7.

114. Appendix D is a summary of the abovementioned three Appendices A, B, and C, and which shows the grand total of all outstandings on the 31st day of March 1888, being 1,546 bills of the aggregate value of Rs. 1,33,397-12-2, being Rs. 14,999-7-6 more than the outstandings of the last year.

115. We give below a *resumé* of the above in the following figures:—

			Rs. a. p.	Rs. a. p.
76,057 Bills were issued in 1887-88 of the value of				26,08,198 1 9
Add— 906 Bills issued for		1886-87.....	25,675 0 6	
520	do.	1885-86.....	6,314 8 1	
365	do.	1884-85.....	2,533 15 0	
239	do.	1883-84.....	1,833 7 3	
74	do.	1883 (1st quarter)	294 2 3	
145	do.	1882	1,062 8 11	
40	do.	881	206 4 0	
2,289				37,739 14 0
				26,45,937 15 9
Add—Government and Port Trust Bills			2,12,990 0 0	
Outstandings for 1886-87.....			1,18,398 4 8	
				3,31,388 4 8
				29,77,326 4 5
Less—Collections made by the Assessor and Collector.....			26,05,593 13 0	
Paid by Government and Port Trust directly			2,12,900 0 0	28,18,583 13 0
				1,58,742 7 5
Deduct—Amount of old bills cancelled as irrecoverable and reduced in value for 1886-87 and former years.....				25,344 11 3
Amount of outstanding on the 31st day of March 1888...Rs.				1,33,397 12 2

116. There are one or two points on which we beg to make a few observations. The first is with reference to transfers and extra or additional grants allowed by the Town Council and the Corporation.

117. It has often come under our notice that the Heads of Departments very often *first* incur expenditure in excess of the Budget Grant. After incurring such excesses, they apply to the Town Council or to the Corporation, either for a transfer or an extra grant, to meet these excesses ; and after such expenditure is sanctioned and payment thereof is made, the vouchers relating thereto are presented to us for audit, when, it is impossible for us to take any notice of them, as the charges become authorized expenditure at the time of our audit.

118. We believe the act does not permit such transfers being made long after the expenditure is incurred, it would therefore be well if the Town Council insisted that their sanction for transfers or extra grants be first applied for by all heads of departments prior to their incurring such excess of expenditure.

119. The second point is with reference to horse and conveyance allowances. We submit that such allowances, granted to Municipal officers should invariably be kept distinct and not consolidated with the salary. In cases where it has been so consolidated, it acts as a hardship on the acting incumbent, inasmuch as the permanent officer has the advantage of drawing the allowance while he is on leave, to the detriment of the interest both of the Municipality and of the acting incumbent who is entitled to draw only the stipulated amount of his salary, and not the horse or the conveyance allowance.

120. We shall examine the adjusting and other cross entries and compare them with the books of the Municipality and Appendices Nos. 3, 4, 5, 6 and 7, and certify them hereafter.

We have the honour to be,

Sir,

Your most obedient servants,

ARDASEER FRAMJEE MOOS,

NANABHAI RASTAMJI RANINA,

Municipal Auditors.

BOMBAY, 6*th September* 1888.

To

H. W. BARROW, Esq.,

Secretary, Town Council; and Clerk, Corporation,

Bombay.

Sir,

In accordance with the XXXII. Section of the Bombay Municipal Acts of 1872 and 1878, we have the honour to forward four Appendices, marked A, B, C and D, containing the result of our scrutiny of the Outstanding Bills of Rates and Taxes, which were in the hands of the Ward Clerks and in the Office of the Assessor and Collector on the 31st day of March 1888.

As these Appendices will have to be annexed to our Annual Report on Municipal Accounts for the year 1887-88 now under preparation, we have to request you to place the Appendices into the hands of the Printers, to be ready in time to be published with the Report.

We have the honour to be,

Sir,

Your most obedient servants,

ARDASEER FRAMJEE MOOS,

NANABHAI RASTAMJI RANINA,

Municipal Auditors.

Bombay, 31*st May* 1888.

APPENDIX A.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in the hands of WARD CLERKS and in the Office of the ASSESSOR AND COLLECTOR on the 31st day of March 1888.

Ward.	No. of Bills.	Consolidated Rate.	Water Rate.	Halalkhor Rate.	Total.	Compound Water Service.	Special Halalkhor Service.	Water charged by Meter.	Wheel Tax.	Grand Total.
FOR THE YEAR 1887-88.										
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	501	47,495 5 1	1,049 12 11	1,656 15 3	50,202 1 3	1 0 0	3,679 10 8	17,723 2 8	1,148 8 0	72,754 6 7
B	279	4,796 11 2	1,457 4 1	768 13 6	7,022 12 9	.....	34 8 0	1,128 9 7	169 12 0	8,355 10 4
C	179	2,012 12 3	884 10 10	461 3 2	3,358 10 3	.....	17 4 0	322 0 4	310 12 0	4,008 10 7
D	133	2,585 13 9	667 3 0	698 15 8	3,952 0 5	.....	369 0 0	62 4 0	883 6 0	5,266 10 5
E	187	1,895 3 2	990 7 2	596 12 4	3,482 6 8	.....	1,187 6 0	1,519 14 5	226 12 0	6,416 7 1
F	95	286 9 5	119 4 3	87 2 6	493 0 2	.....	.....	222 13 7	60 12 0	776 9 9
G	172	1,303 11 7	120 2 1	142 10 7	1,566 8 3	.....	17 4 0	2,046 9 8	188 14 0	3,819 3 11
Total...	1,546	60,376 2 5	5,288 12 4	4,412 9 0	70,077 7 9	1 0 0	5,305 0 8	23,025 6 3	2,983 12 0	1,01,397 10 8

E. & O. E.

ARDASEER FRAMJEE MOOS,
NANABHAI RASTAMJI RANINA, } *Municipal Auditors.*

BOMBAY, 31*st May* 1888.

APPENDIX B.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in arrears for the years 1886-87, and of previous years, remaining in the hands of WARD CLERKS and in the Office of the ASSESSOR and COLLECTOR on the 31st day of March 1888.

Ward.	No. of Bills.	Consolidated Rate.	Water Rate.	Halalkhor Rate.	Total.	Special Halalkhor Service.	Water charged by Meter.	Wheel Tax.	Grand Total.
FOR THE YEAR 1886-87.									
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	112	6,107 13 0	116 14 3	822 9 0	7,047 4 3	1 4 7	1,203 8 0	247 6 0	8,499 6 10
B	46	170 13 4	499 14 9	161 12 7	832 8 8	.....	108 4 0	117 8 0	1,053 4 8
C	15	43 12 0	41 9 9	13 8 0	98 13 9	.....	.....	90 8 0	189 5 9
D	27	157 9 9	108 3 11	170 11 3	436 8 11	12 6 10	.....	96 0 0	544 15 9
E	51	67 6 1	229 10 7	107 9 0	404 9 8	.....	.....	21 0 0	425 9 8
F	36	144 6 6	73 9 8	55 3 2	273 3 4	.....	.....	48 6 0	321 9 4
G	90	341 1 4	27 0 0	13 3 10	381 5 2	.....	88 8 0	39 4 0	509 1 2
Total...	377	7,032 14 0	1,096 14 11	1,344 8 10	9,474 5 9	13 11 5	1,395 4 0	660 0 0	11,543 5 2
1885-86.									
A	92	1,094 7 8	84 6 5	748 13 1	1,927 11 2	.....	947 2 2	187 9 3	3,062 6 7
B	24	147 6 6	492 1 6	190 2 5	829 10 5	.....	.....	13 8 0	843 2 5
C	13	40 0 0	44 6 4	13 8 0	97 14 4	.....	.....	63 8 0	161 6 4
D	11	29 15 11	14 4 3	41 1 7	85 5 9	.....	.....	86 4 0	171 9 9
E	37	.....	180 11 3	85 12 11	266 8 2	.....	.....	47 8 0	314 0 2
F	27	62 12 6	78 9 8	55 3 2	191 9 4	.....	.. ...	.....	191 9 4
G	69	326 0 6	31 8 0	8 1 8	365 10 2	.....	134 10 11	40 8 0	540 13 1
Total...	273	1,700 11 1	920 15 5	1,142 10 10	3,764 5 4	.....	1,081 13 1	438 13 3	5,284 15 8
Carried over...	650	8,733 9 1	2,017 14 4	2,487 3 8	13,238 11 1	13 11 5	2,477 1 1	1,098 13 3	16,828 4 10

Brought over...	650	8,783 9 1	2,017 14 4	2,487 3 8	13,238 11 1	13 11 5	2,477 1 1	1,098 13 3	16,828 4 10
1884-85.									
A	64	.....	28 10 0	612 0 0	640 10 0	.....	2,744 2 9	187 14 0	3,572 10 9
B	17	88 1 2	30 7 10	72 0 9	190 9 9	.....	.....	12 13 9	203 7 6
C	6	40 0 0	9 0 0	13 8 0	62 8 0	.....	.....	.....	62 8 0
D	15	57 8 1	4 8 0	19 5 0	81 0 1	.....	15 0 0	90 2 0	186 2 1
E	23	.....	100 6 1	28 13 8	129 3 9	.....	.....	.....	129 3 9
F	28	133 1 1	63 12 10	55 3 2	252 1 1	.....	1 8 0	65 8 0	319 1 1
G	12	26 7 6	8 10 0	6 0 0	41 1 6	.....	.....	19 8 0	60 9 6
Total...	160	344 12 10	245 6 9	806 14 7	1,397 2 2	.....	2,760 10 9	375 13 9	4,533 10 8
1883-84.									
A	51	10 12 10	53 3 2	521 6 8	585 6 8	.....	.....	97 0 0	682 6 8
B	12	41 5 0	9 0 0	18 13 4	69 2 4	.....	.....	13 8 0	82 10 4
C	4	36 0 0	.....	13 8 0	49 8 0	.....	.....	27 0 0	76 8 0
D	20	97 1 0	11 13 1	28 13 2	137 11 3	.....	112 8 0	197 12 0	447 15 3
E	24	68 6 5	59 10 0	14 8 11	142 9 4	.....	.....	13 8 0	156 1 4
F	5	119 9 6	4 8 0	.....	124 1 6	.....	.....	.....	124 1 6
G	12	18 0 0	.....	0 8 0	18 8 0	.....	157 11 5	.....	176 8 5
Total...	128	391 2 9	138 2 3	597 10 1	1,126 15 1	.....	270 3 5	348 12 0	1,745 14 6
1st QUARTER OF 1883.									
A	10	.....	7 2 6	82 4 6	89 7 0	.....	.....	.....	89 7 0
B	5	82 6 5	2 4 0	23 13 7	108 8 0	.....	.....	.....	108 8 0
C	1	9 0 0	.....	3 6 0	12 6 0	.....	.....	.....	12 6 0
D	2	.....	.....	13 9 2	13 9 2	.....	.....	.....	13 9 2
E	9	5 6 5	14 8 6	1 15 3	21 14 2	.....	.....	.....	21 14 2
F	1	0 6 5	.....	.....	0 6 5	.....	.....	.....	0 6 5
G	2	3 9 7	.....	.....	3 9 7	.....	.....	.....	3 9 7
Total...	30	100 12 10	23 15 0	125 0 6	249 12 4	.....	.....	.....	249 12 4
Carried over...	968	9,570 5 6	2,425 6 4	4,016 12 10	16,012 8 8	13 11 5	5,507 15 3	1,823 7 0	23,357 10 4

APPENDIX B—*concluded.*

Ward.	No. of Bills.	Consolidated Rate.	Water Rate.	Halalkhor Rate.	Total.	Special Halalkhor Service.	Water charged by Meter.	Wheel Tax.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over...	968	9,570 5 6	2,425 6 4	4,016 12 10	16,012 8 8	13 11 5	5,507 15 3	1,823 7 0	23,357 10 4
1882.									
A	19	.....	28 10 0	287 1 8	315 11 8	.....	.....	.....	315 11 8
B	10	169 3 3	9 0 0	55 0 11	233 4 2	.....	.....	.....	233 4 2
C	1	18 0 0	.....	6 12 0	24 12 0	.....	.....	.....	24 12 0
D	6	116 12 4	48 5 9	81 14 2	247 0 3	.....	15 0 0	.....	262 0 3
E	18	21 9 8	58 2 0	7 12 10	87 8 6	.....	.....	.....	87 8 6
F	2	1 9 8	.....	.....	1 9 8	.....	.....	.....	1 9 8
G	4	14 6 4	3 0 0	.....	17 6 4	.....	.....	.....	17 6 4
Total...	60	341 9 8	147 1 9	438 9 7	927 4 7	.....	15 0 0	.....	942 4 7
Grand Total...	1,028	9,911 14 9	2,572 8 1	4,455 6 5	16,939 13 3	13 11 5	5,522 15 3	-1,823 7 0	24,299 14 11

E. & O. E.

ARDASEER FRAMJEE MOOS,
NANABHAI RASTAMJI RANINA, } *Municipal Auditors.*

BOMBAY, 31*st May* 1888.

APPENDIX C.

STATEMENT OF OUTSTANDING BILLS OF RATES AND TAXES in arrears lying in the Office of the ASSESSOR AND COLLECTOR, Disputed and for Inquiry and for Cancelling or Correction, on the 31st day of March 1888.

Ward.	No. of Bills.	Consolidated Rate.	Water Rate.	Halalkhor Rate.	Total.	Water Charged by Meter.	Wheel Tax.	Grand Total.
1887-88.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A	...	.....	.....	.....	.....	.....	.....	.....
B	...	.....	.....	.....	.....	.....	.....	.....
C	...	.....	.....	.....	.....	.....	.....	.....
D	2	.....	.....	.....	.....	.....	18 0 0	18 0 0
E	4	5 3 3	4 8 0	3 0 0	12 11 3	.....	.....	12 11 3
F & G	2	1 3 3	.....	.....	1 3 3	.....	.....	1 3 3
Government Buildings occupied by Private Individuals	12	518 6 6	.....	.....	518 6 6	.....	.....	518 6 6
Total...	20	524 13 0	4 8 0	3 0 0	532 5 0	.....	18 0 0	550 5 0
1886-87.								
A	12	21 0 0	.....	.....	21 0 0	16 0 0	82 0 0	119 0 0
B	1	.....	.....	.....	.....	.....	13 8 0	13 8 0
C	7	.....	.....	.....	.....	.....	74 2 0	74 2 0
D	4	2 13 6	.....	.....	2 13 6	.....	54 0 0	56 13 6
E	11	12 13 4	9 0 0	4 8 0	26 5 4	.....	46 0 0	72 5 4
F & G	36	31 1 0	.....	.....	31 1 0	.....	.....	31 1 0
G. I. P. Railway Co.	6	.....	62 9 8	.....	62 9 8	.....	.....	62 9 8
Government Buildings occupied by Private Individuals	11	602 7 0	.....	.....	602 7 0	.....	.....	602 7 0
Total...	88	670 2 10	71 9 8	4 8 0	746 4 6	16 0 0	269 10 0	1,031 14 6
1885-86.								
A	19	46 1 8	52 8 0	6 2 5	104 12 1	.....	71 12 0	176 8 1
B	8	24 12 10	.....	7 3 2	32 0 0	.....	58 0 0	90 0 0
C	11	26 12 10	13 6 4	10 0 10	50 4 0	.....	67 8 0	117 12 0
D	8	5 6 11	.....	0 4 0	5 10 11	.....	36 12 0	42 6 11
E	27	28 5 5	8 4 0	10 12 0	47 5 5	.....	108 8 0	155 13 5
F & G	35	32 0 11	.....	.....	32 0 11	.....	.....	32 0 11
[illegible]P. Railway Co.	2	.....	62 9 8	.....	62 9 8	.....	.....	62 9 8
[illegible]nment Buildings occupied by [illegible]e Individuals	10	491 1 7	.....	.....	491 1 7	.....	.....	491 1 7
[illegible] Total...	120	654 10 2	136 12 0	34 6 5	825 12 7	.....	342 8 0	1,168 4 7
[illegible]384-85.								
[illegible]	29	71 0 2	12 5 10	18 11 7	102 1 7	.....	253 1 8	355 8 3
[illegible]	35	125 9 9	.....	7 3 2	132 12 11	.....	13 8 0	146 4 11
[illegible]	5	36 14 5	16 2 4	13 13 5	66 14 2	.....	54 0 0	120 14 2
[illegible]	13	28 12 9	4 11 7	8 13 7	42 5 11	.....	113 12 0	156 1 11
[illegible]	65	106 9 2	198 3 10	30 12 11	335 9 11	.....	110 4 0	445 13 11
[illegible]	158	180 12 9	.....	.....	180 12 9	.....	.....	180 12 9
[illegible]. Railway Co.	4	.....	55 2 4	.....	55 2 4	.....	.....	55 2 4
Total...	309	549 11 0	286 9 11	79 6 8	915 11 7	.....	544 9 8	1,460 5 3
Carried over.....	537	2,399 5 0	499 7 7	121 5 1	3,020 1 8	16 0 0	1,174 11 8	4,210 13 4

APPENDIX C—*continued.*

Ward.	No. of Bills.	Consolidated Rate.	Water Rate.	Halalkhor Rate.	Total.	Water charged by Meter.	Wheel Tax.	Grand Total.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over...	537	2,399 5 0	499 7 7	121 5 1	3,020 1 8	16 0 0	1,174 11 8	4,210 13 4
1883-84.								
A	18	39 3 2	18 15 7	20 4 1	78 6 10	.....	146 0 0	224 6 10
B	48	118 12 3	.....	7 3 2	125 15 5	.....	34 8 0	160 7 5
C	10	44 6 5	11 13 0	16 10 5	72 13 10	.....	85 12 0	158 9 10
D	10	22 12 8	9 0 0	12 6 0	44 2 8	.....	37 0 0	81 2 8
E	123	290 8 5	371 3 11	59 3 1	720 15 5	.....	417 8 0	1,138 7 5
F & G	130	159 10 5	0 3 5	.....	159 13 10	.....	.....	159 13 10
G. I. P. Railway Co.	4	.....	55 2 4	.....	55 2 4	.....	.....	55 2 4
Total...	343	675 5 4	466 6 3	115 10 9	1,257 6 4	.....	720 12 0	1,978 2 4
1st Quarter of 1883.								
A	2	2 6 5	.....	.....	2 6 5	.....	.....	2 6 5
B	17	21 11 2	.....	1 12 10	23 8 0	.....	.....	23 8 0
C	...	.....	.....	.....	.....	.....	.....	.....
D	1	0 9 7	.....	0 12 0	1 5 7	.....	.....	1 5 7
E	33	49 4 6	15 12 0	5 12 4	70 12 10	.....	.....	70 12 10
F & G	33	28 15 11	2 4 0	.....	31 3 11	.....	.....	31 3 11
Total...	86	102 15 7	18 0 0	8 5 2	129 4 9	.....	.....	129 4 9
1882.								
A	7	50 12 8	43 3 11	22 12 0	116 12 7	.....	49 12 3	166 8 10
B	40	152 7 11	35 11 2	32 0 2	220 3 3	.....	51 1 3	271 4 6
C	10	170 12 3	40 4 10	64 0 9	275 1 10	.....	58 8 0	333 9 10
D	8	2 6 6	.....	3 0 0	5 6 6	.....	85 8 0	90 14 6
E	55	129 0 3	96 6 4	30 10 11	256 1 6	.....	181 0 0	437 [illegible]
F & G	43	77 15 0	4 8 0	.....	82 7 0	.....	.....	82 [illegible]
Total...	163	583 6 7	220 2 3	152 7 10	956 0 8	.....	425 13 6	1,381 [illegible]
Grand Total...	1,129	3,761 0 6	1,204 0 1	397 12 10	5,362 13 5	16 0 0	2,321 5 2	7,700 [illegible]

E. & O. E.

ARDASEER FRAMJEE MOOS,
NANABHAI RASTAMJI RANINA, } *Municipal Auditors.*

BOMBAY, 31*st May* 1888.

[redacted]IARY OF APPENDICES A, B AND C.

Years.	Appendix A.		Appendix B.		Appendix C.		Grand Total of Outstanding on the 31st day of March 1888.	
	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.	No. of Bills.	Amount.
		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
1887-88	1,546	1,01,397 10 8	...	.....	20	550 5 0	1,566	1,01,947 15 8
1886-87	...	.....	377	11,543 5 2	88	1,031 14 6	465	12,575 3 8
1885-86	...	.....	273	5,284 15 8	120	1,168 4 7	393	6,453 4 3
1884-85	...	.....	160	4,538 10 8	309	1,460 5 3	469	5,998 15 11
1883-84	...	.....	128	1,745 14 6	343	1,978 2 4	471	3,724 0 10
1st Quarter of 1883.....	...	.....	80	249 12 4	86	129 4 9	116	379 1 1
1882.....	...	.....	60	942 4 7	163	1,381 14 2	223	2,324 2 9
	1,546	1,01,397 10 8	1,028	24,299 14 11	1,129	7,700 2 7	3,703	1,33,397 12 2

E. & O. E.

ARDASEER FRAMJEE MOOS,
NANABHAI RASTAMJI RANINA, } *Municipal Auditors.*

BOMBAY, 31*st May* 1888.

To

H. W. BARROW, Esq.,

Municipal Secretary.

Sir,

In continuation of our Report on Municipal Accounts for the year 1887-88, forwarded to you on the 6th instant for submission to the Standing Committee, we have the honor to supplement the Report by informing the Standing Committee that we have examined the adjustments and other cross entries and compared them with the books of the Municipality and Appendices 3, 4, 5, 6, and 7, and find they have been correctly extracted from the books.

We have the honour to be,

Sir,

Your most obedient servants,

ARDASEER FRAMJEE MOOS,

NANABHAI RASTAMJI RANINA,

Municipal Auditors.

Bombay, 28*th September* 1888.

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